



Methods and Apparatus for Inactivation of
Biological Contaminants Using Photosensitizers

Inventors: Goodrich, Jr. et al. Filed: 6/15/00
USSN: 09/596,429 Atty Docket 27-98B

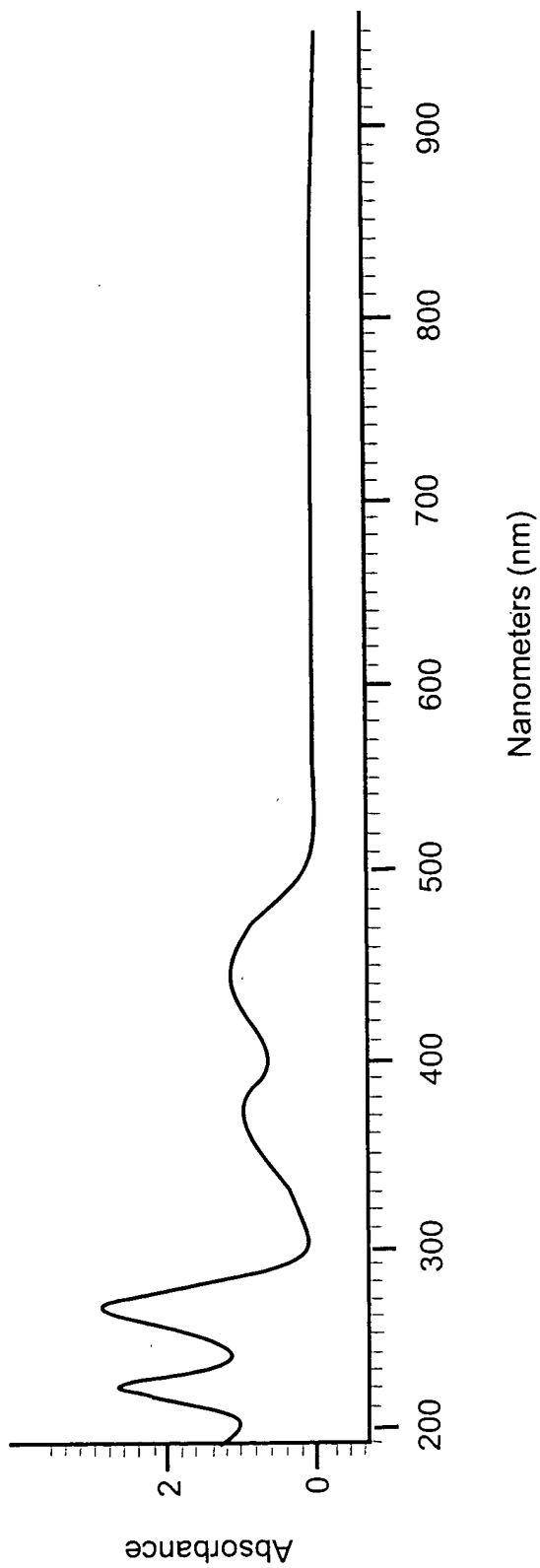


FIG. 1

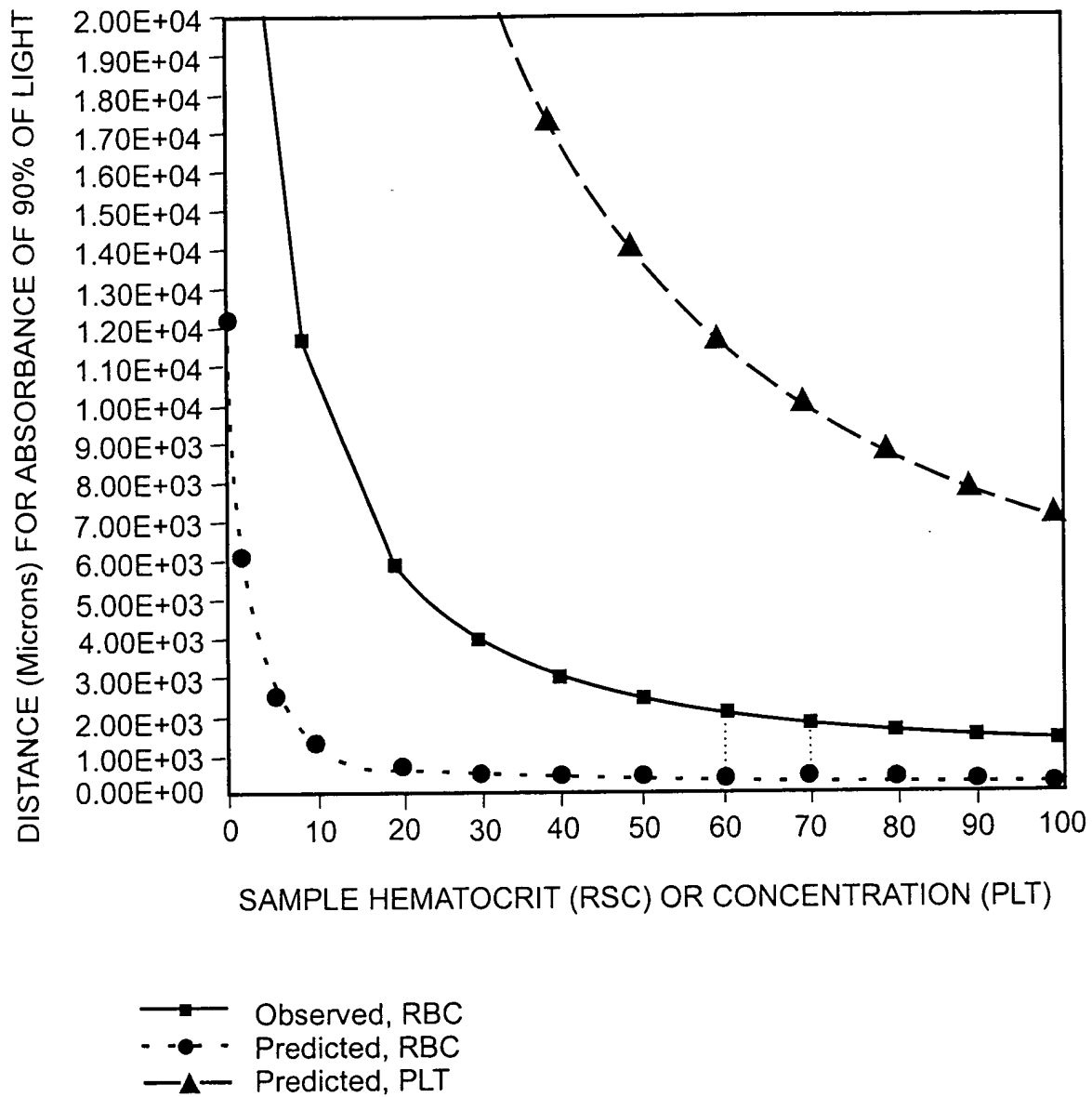


FIG. 2

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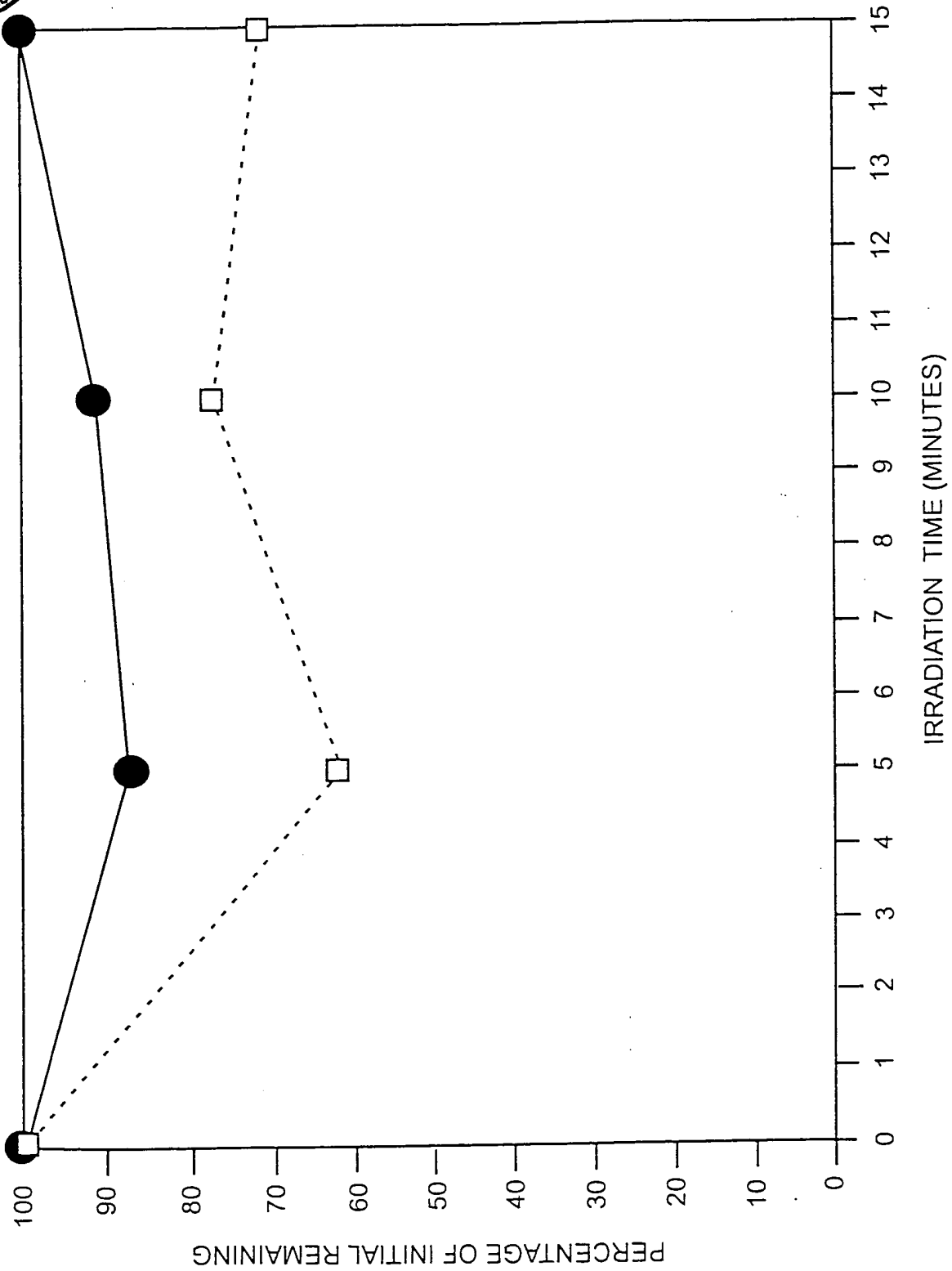
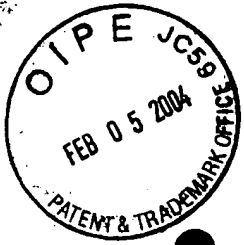
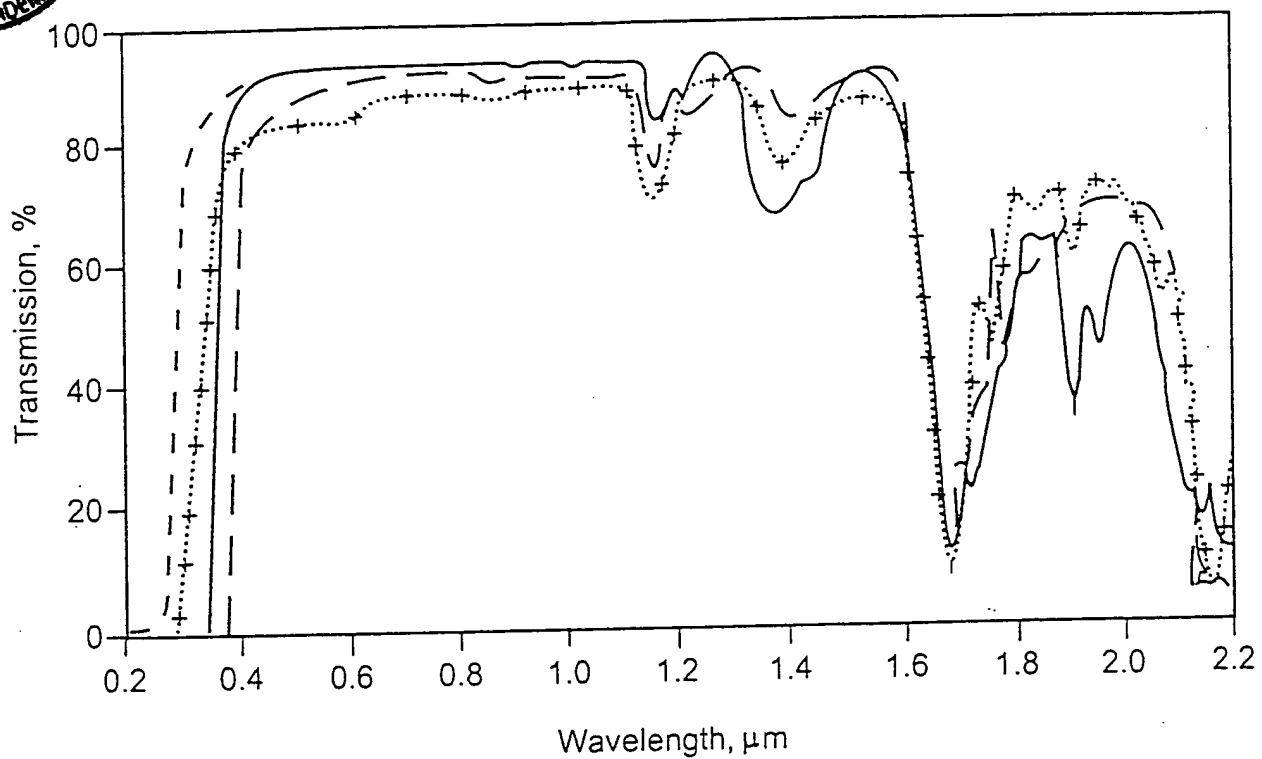


FIG. 3



— 3.2 mm acrylic
- - - 3.2 mm UV acrylic
- - - 3.2 mm PS
+ + + 3.2 mm PC

FIG. 4

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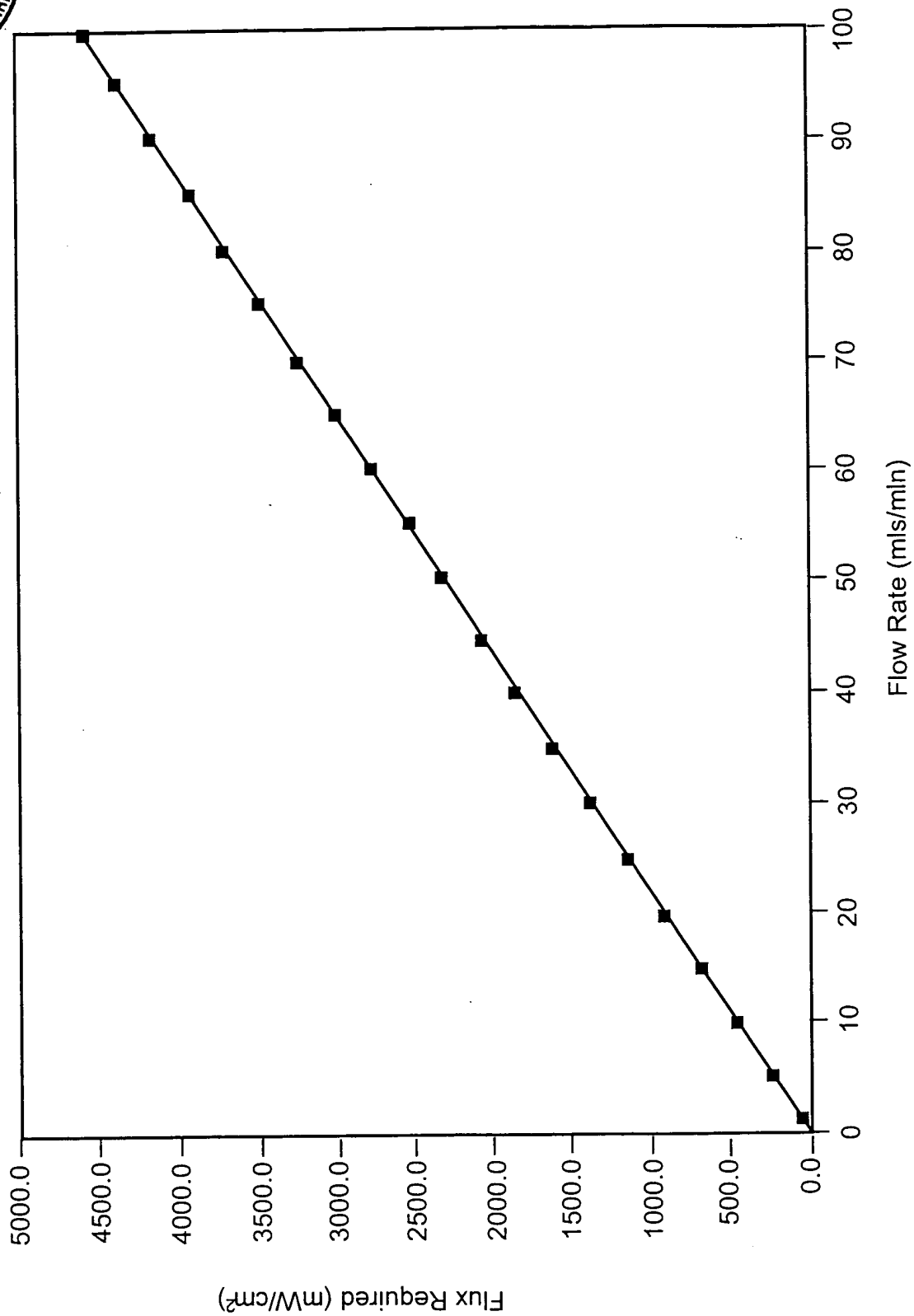
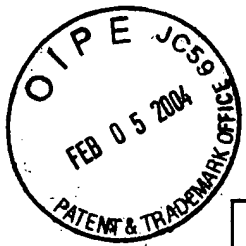


FIG. 5

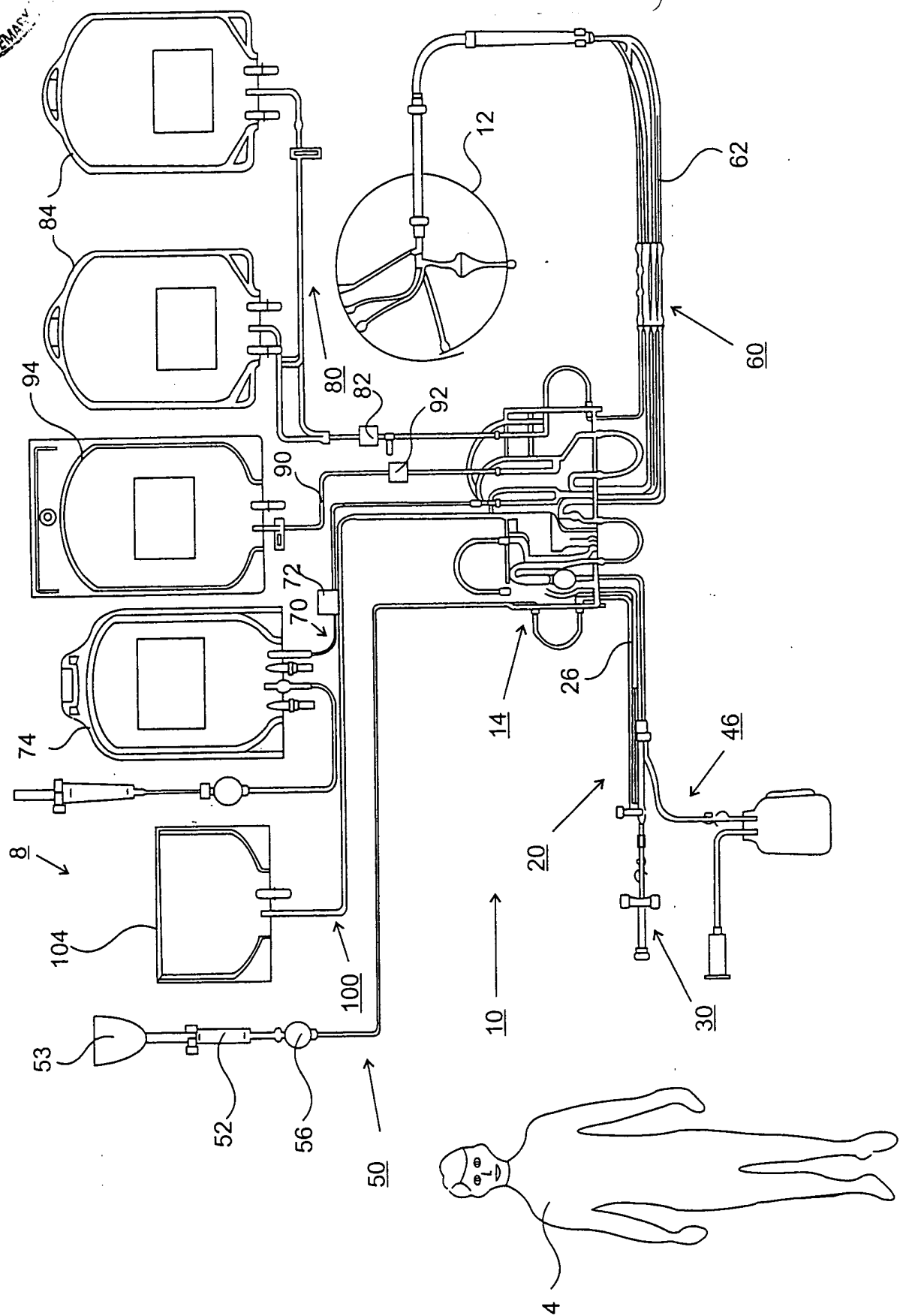
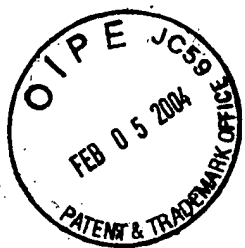


FIG. 6



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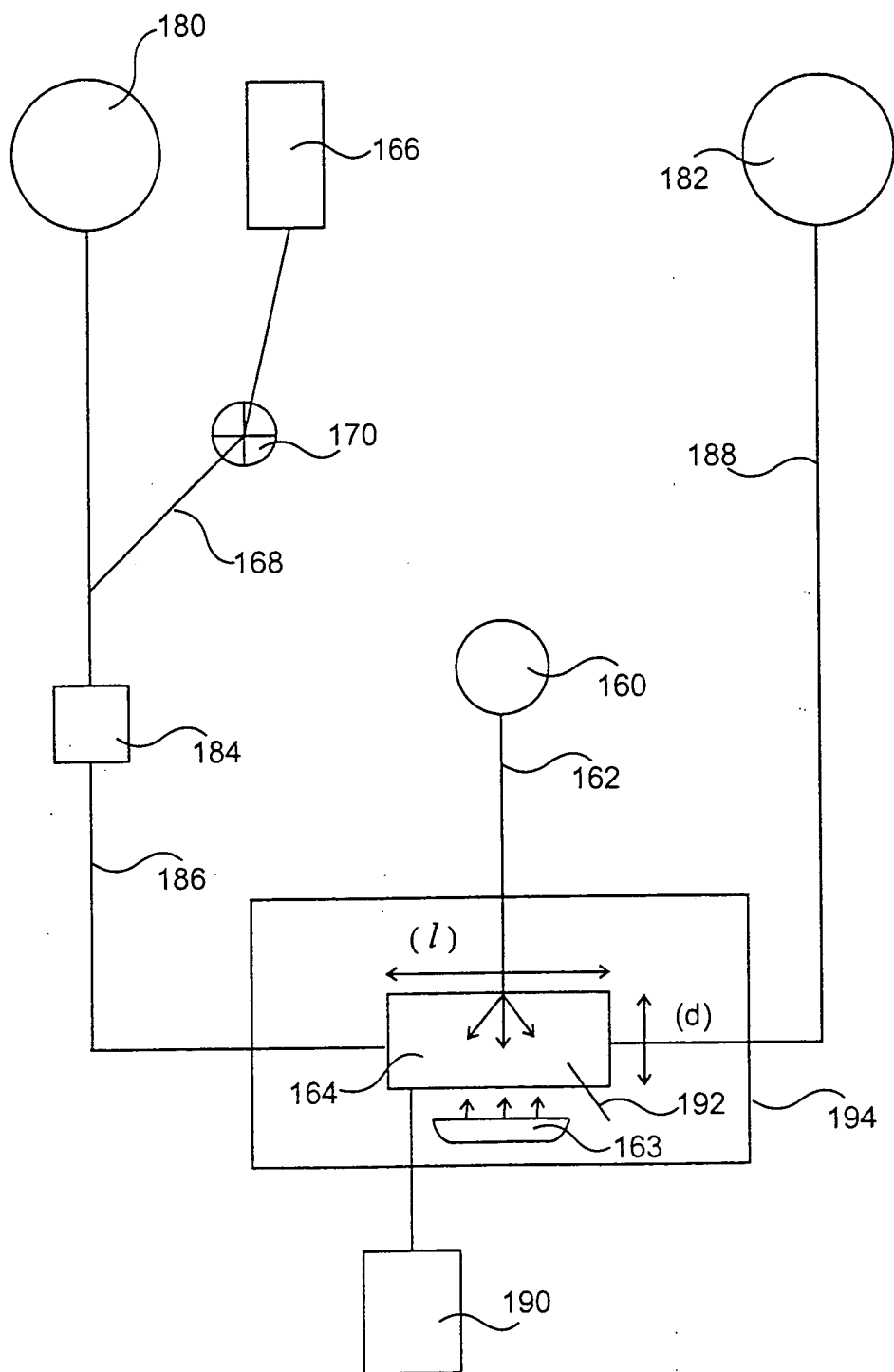
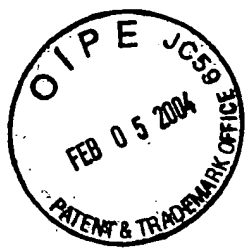


FIG. 7



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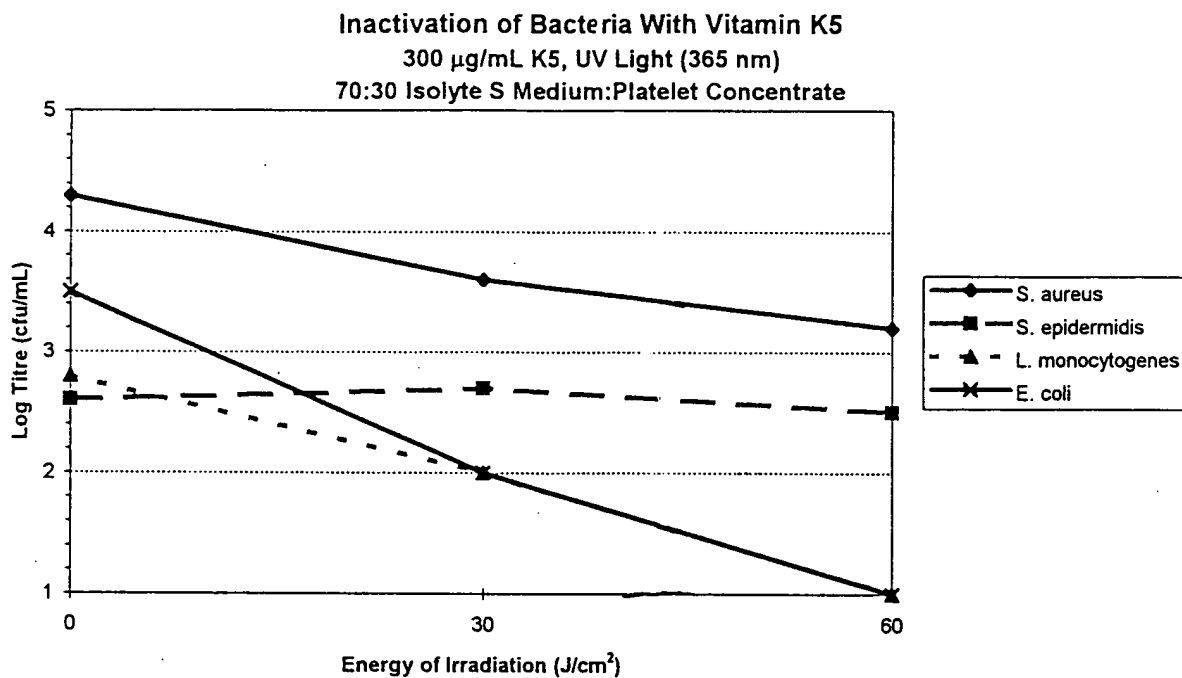
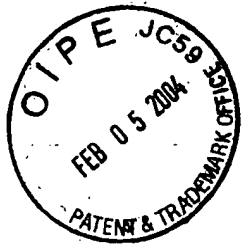


FIG. 8



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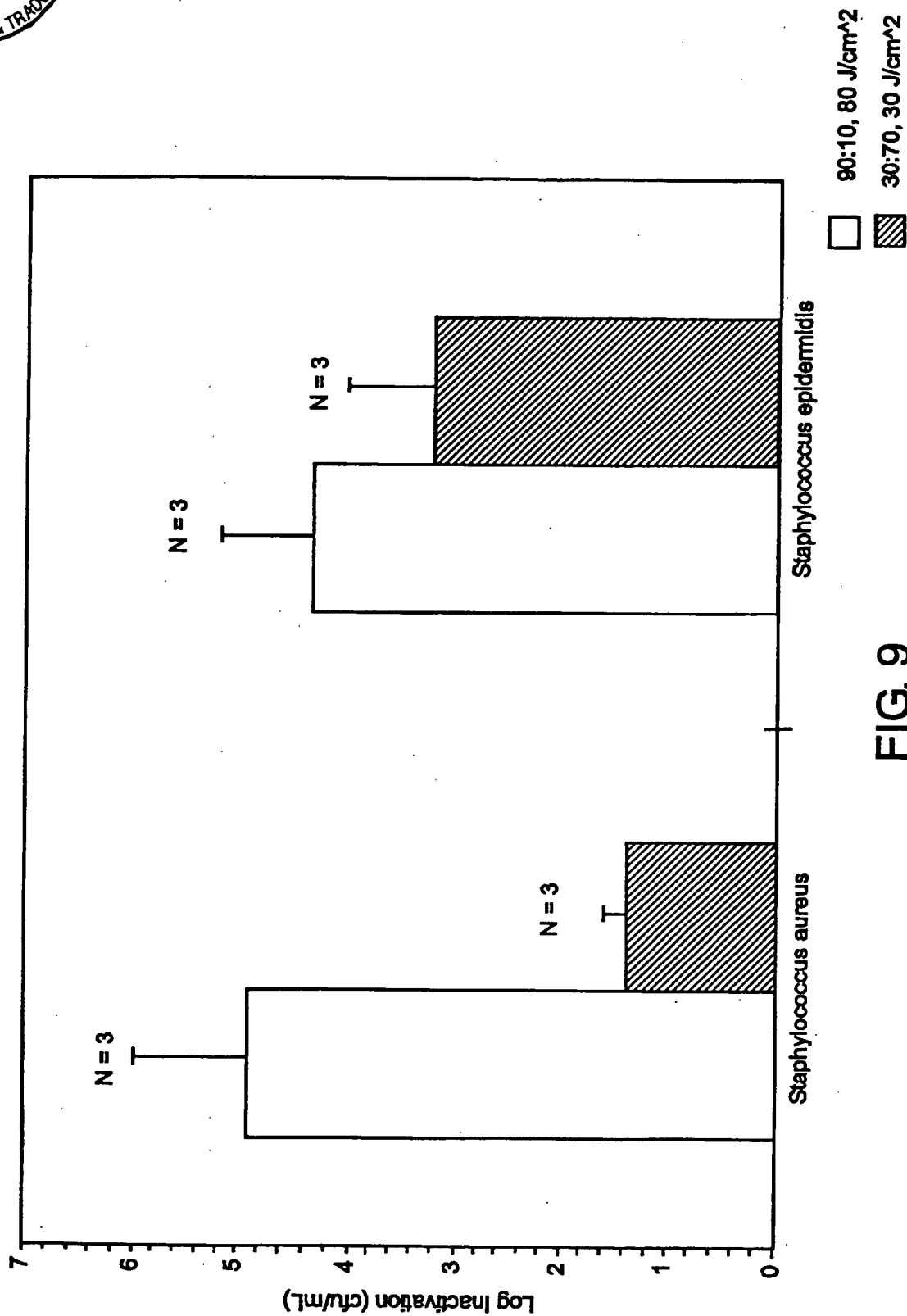
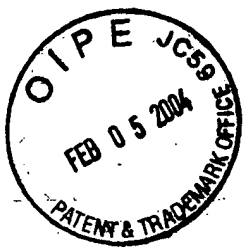
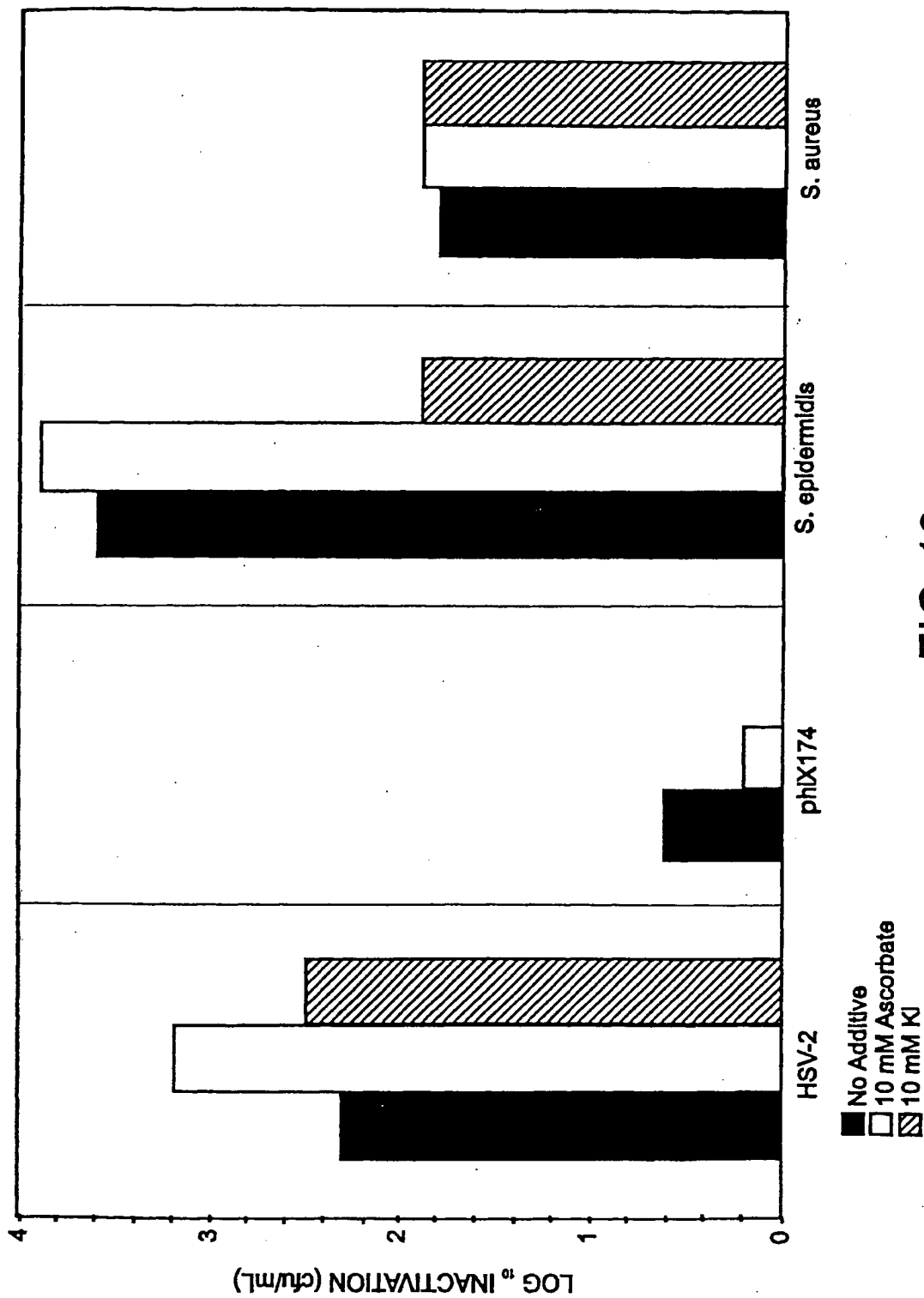


FIG. 9



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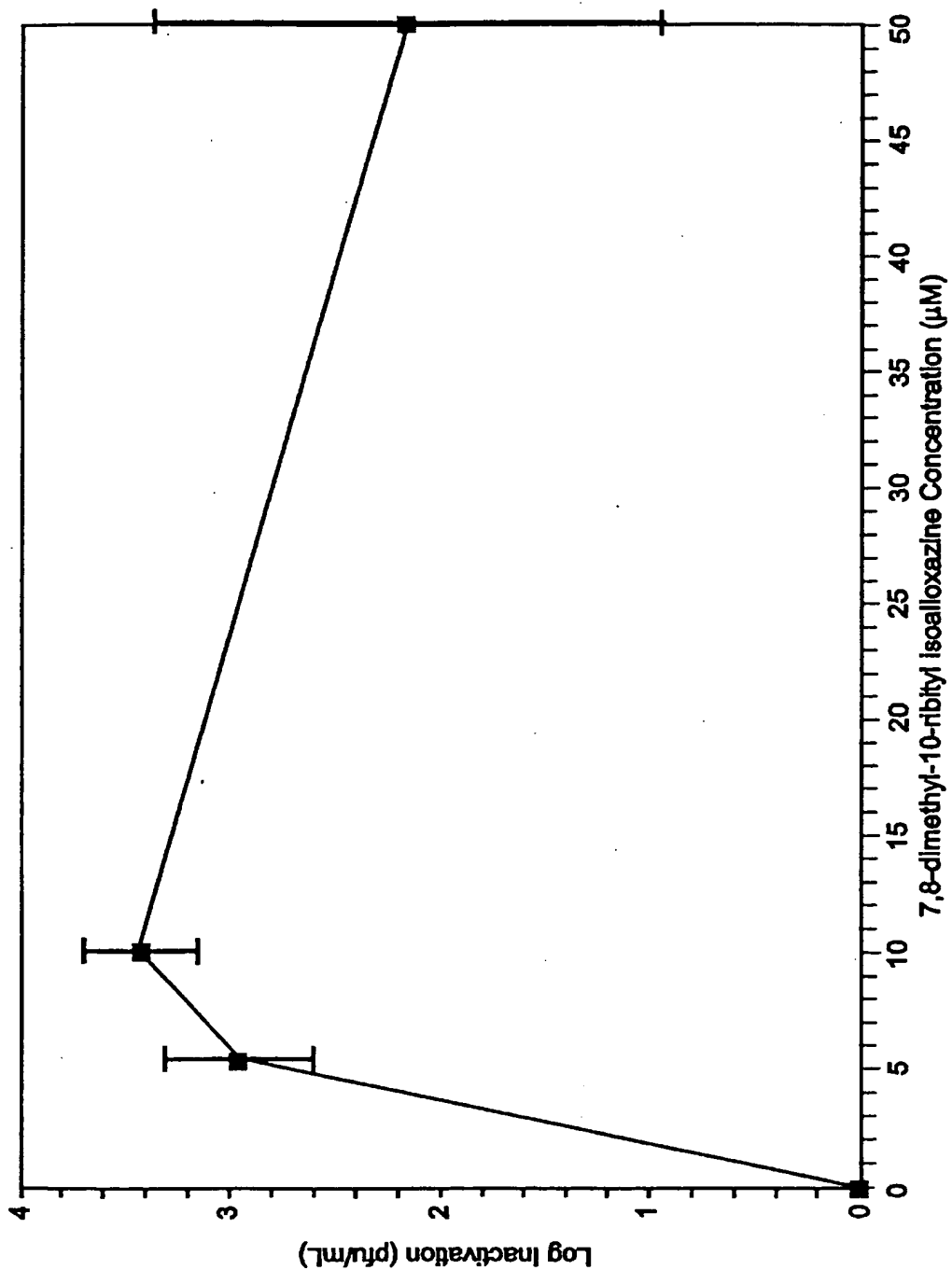
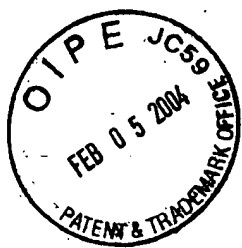
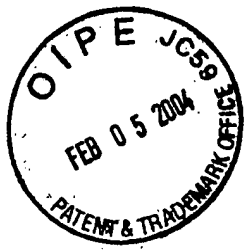


FIG. 11



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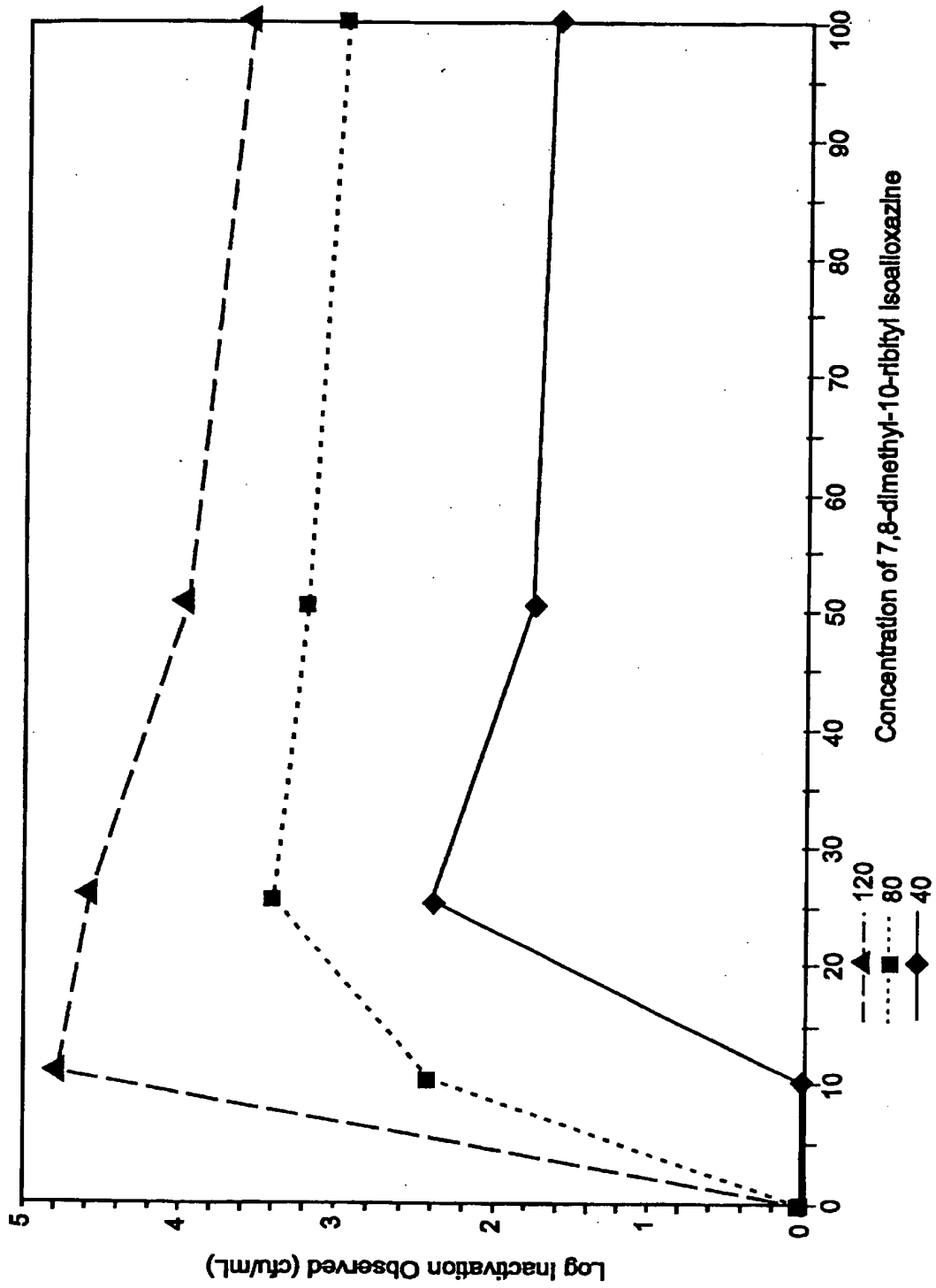


FIG. 12

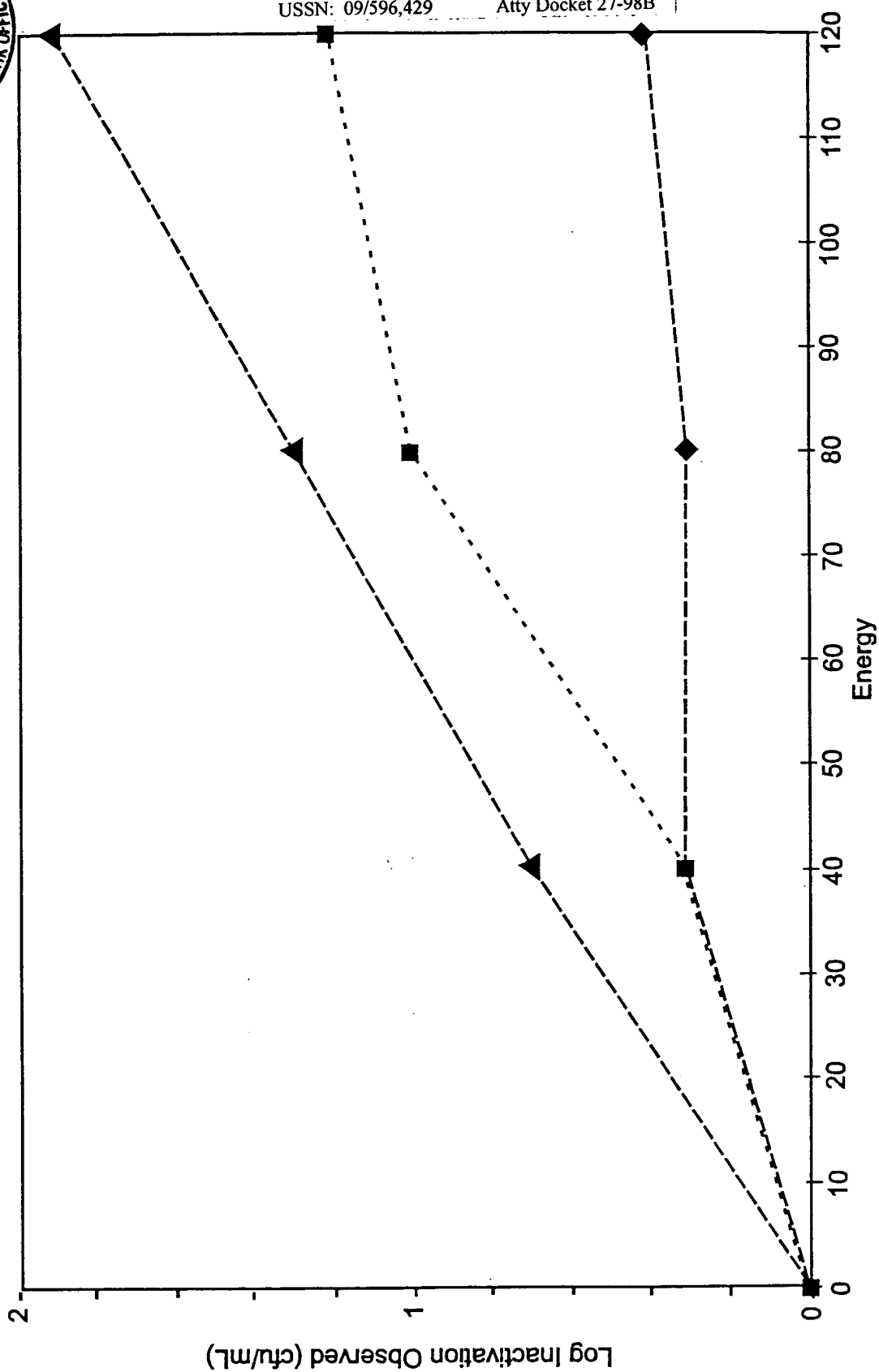
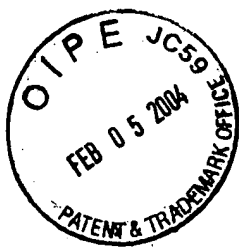
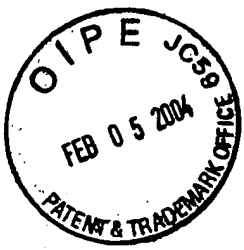


FIG. 13



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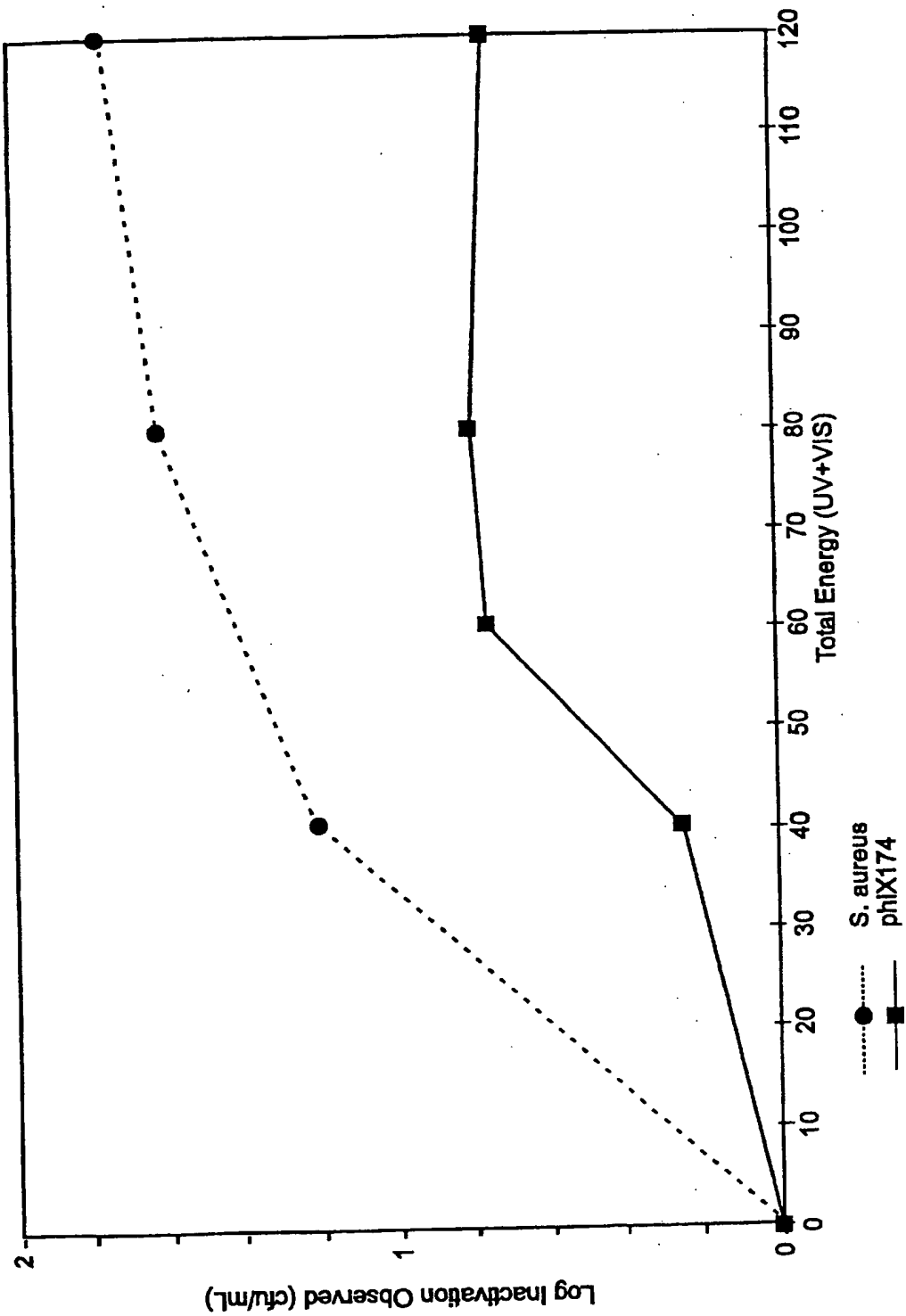


FIG. 14

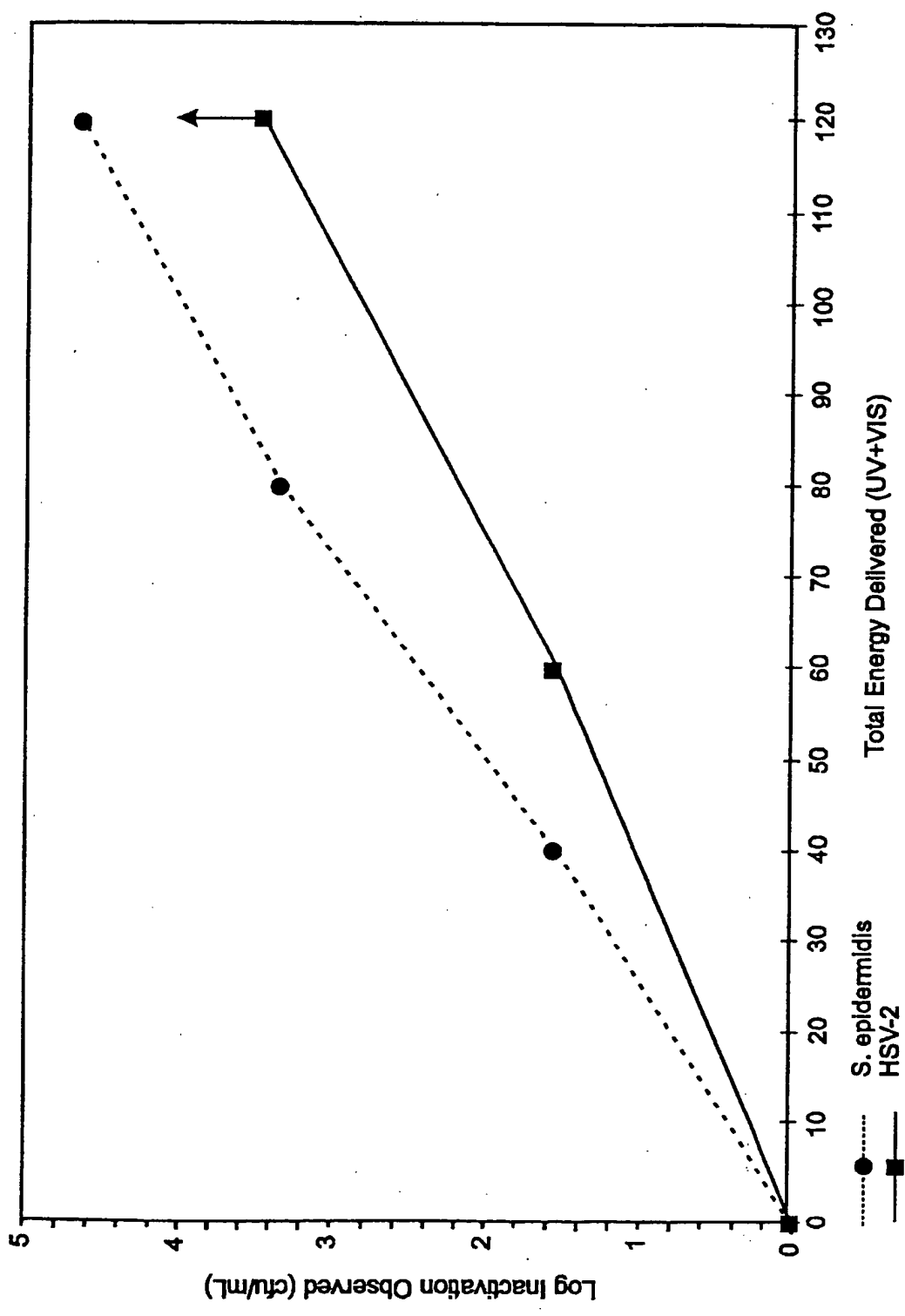
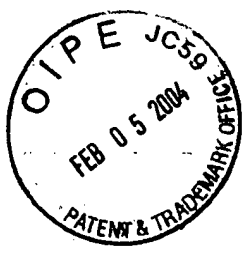
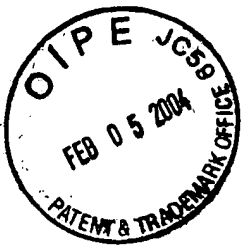


FIG. 15



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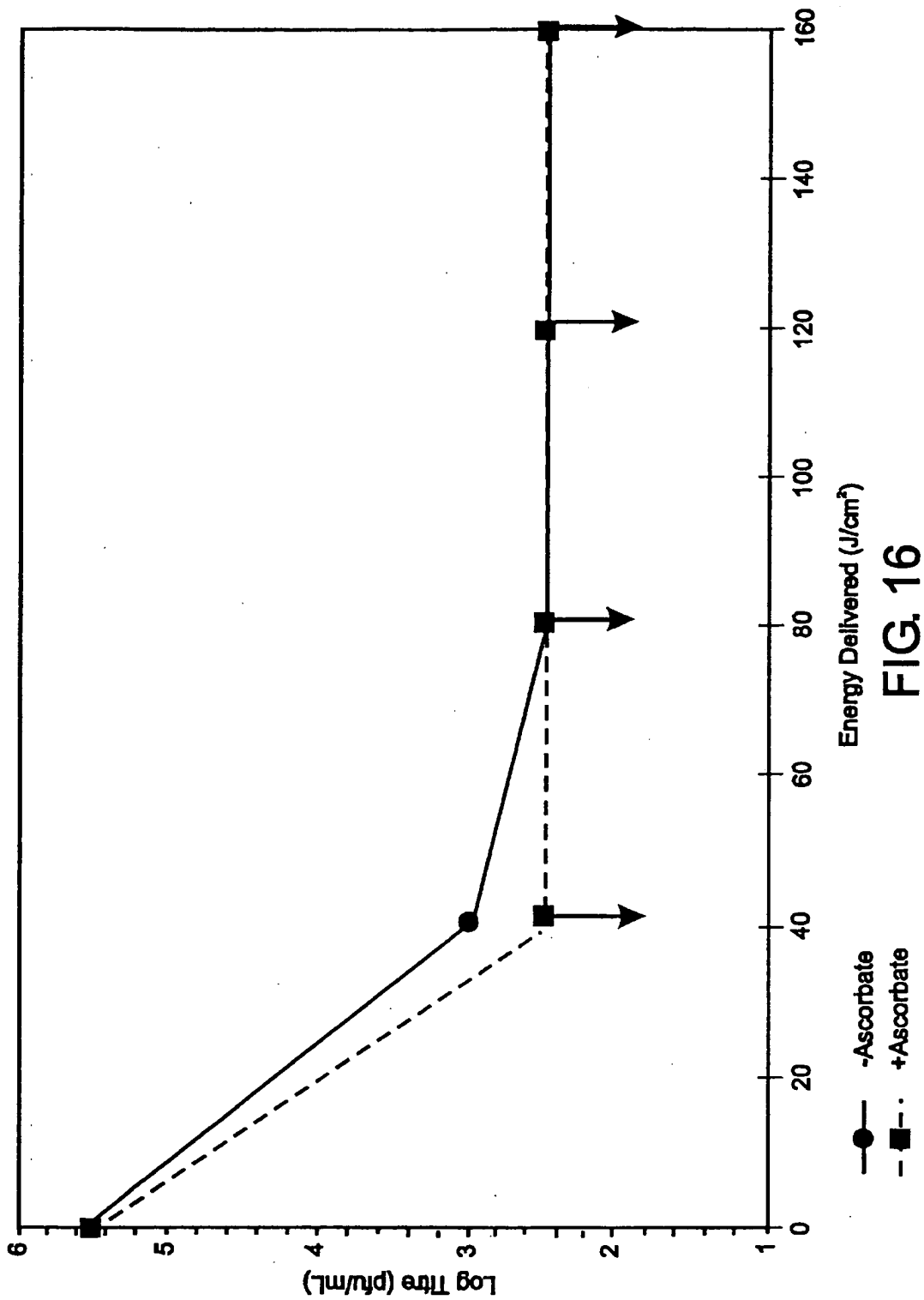
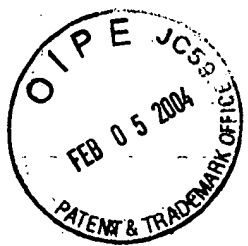


FIG. 16



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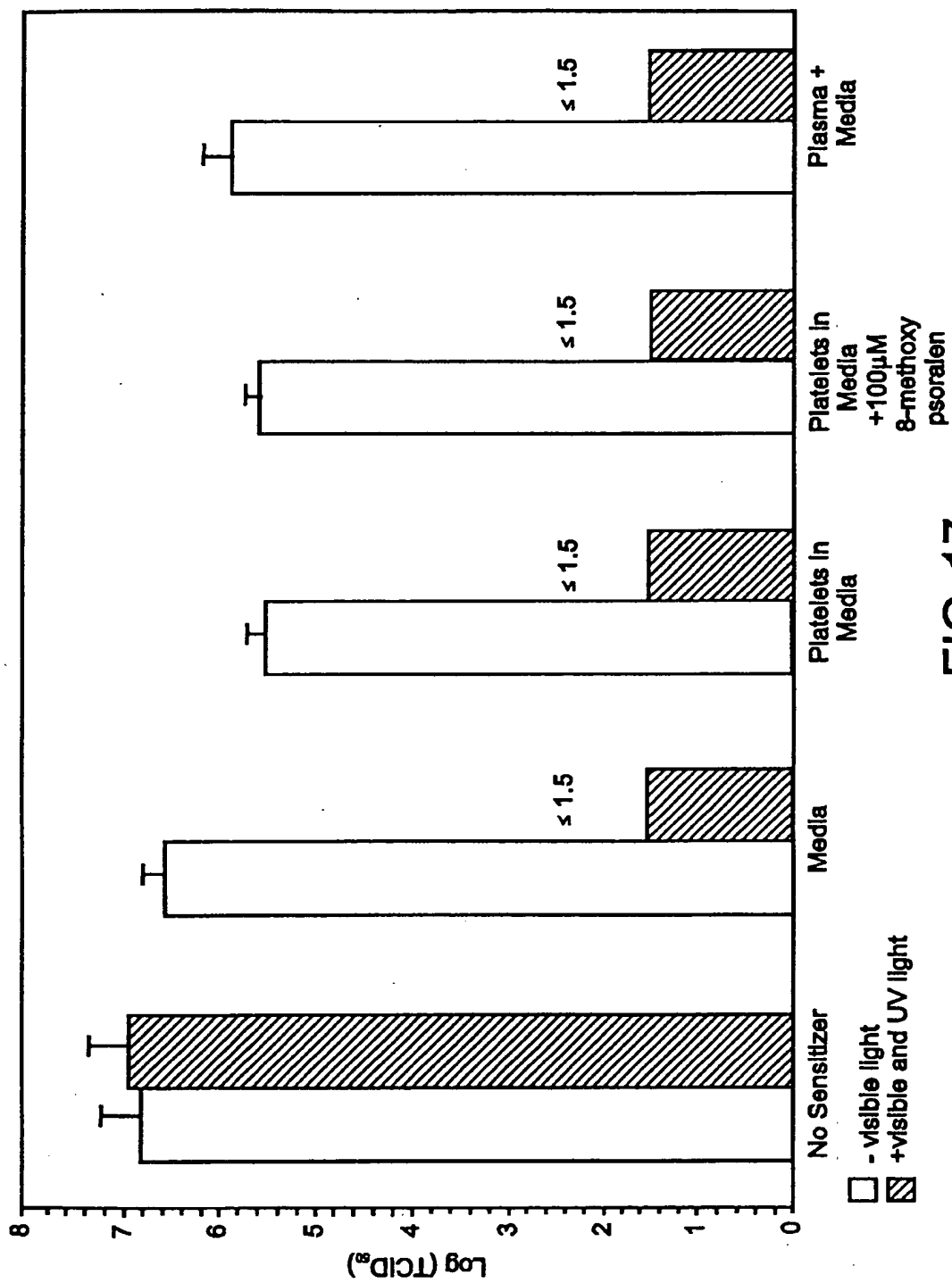


FIG. 17

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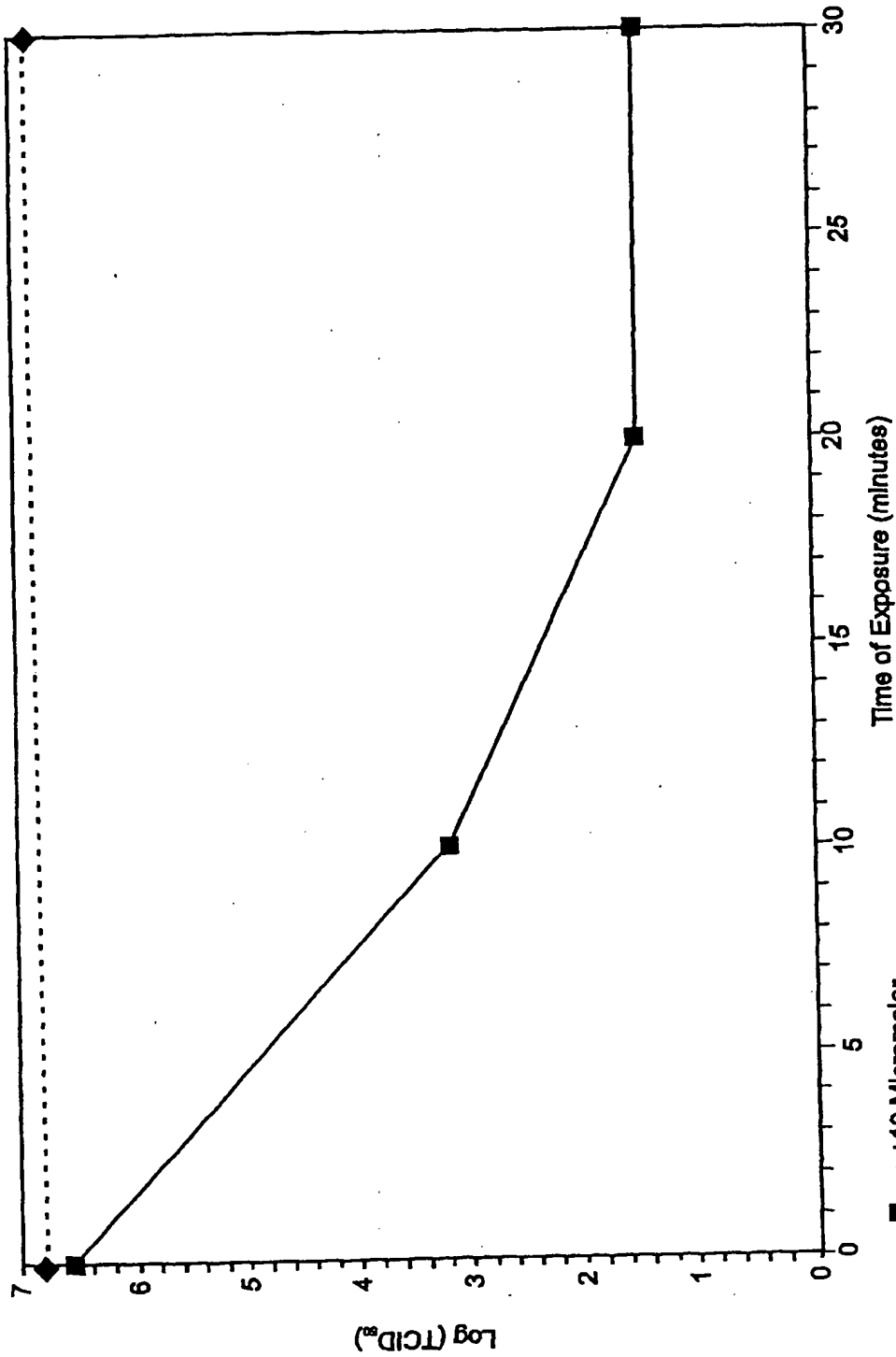
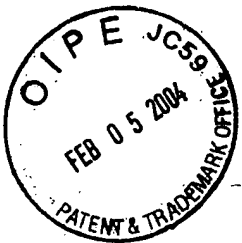


FIG. 18



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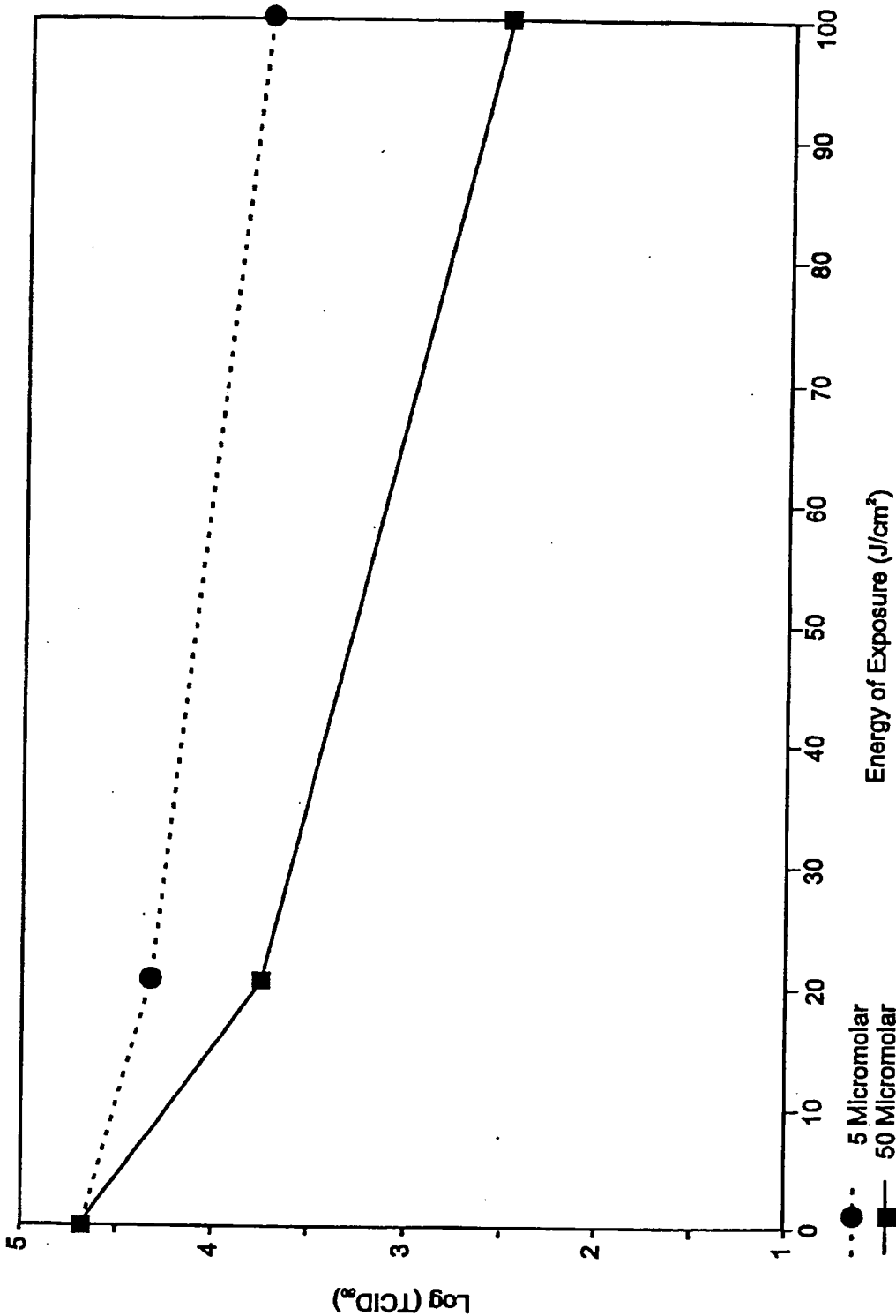


FIG. 19

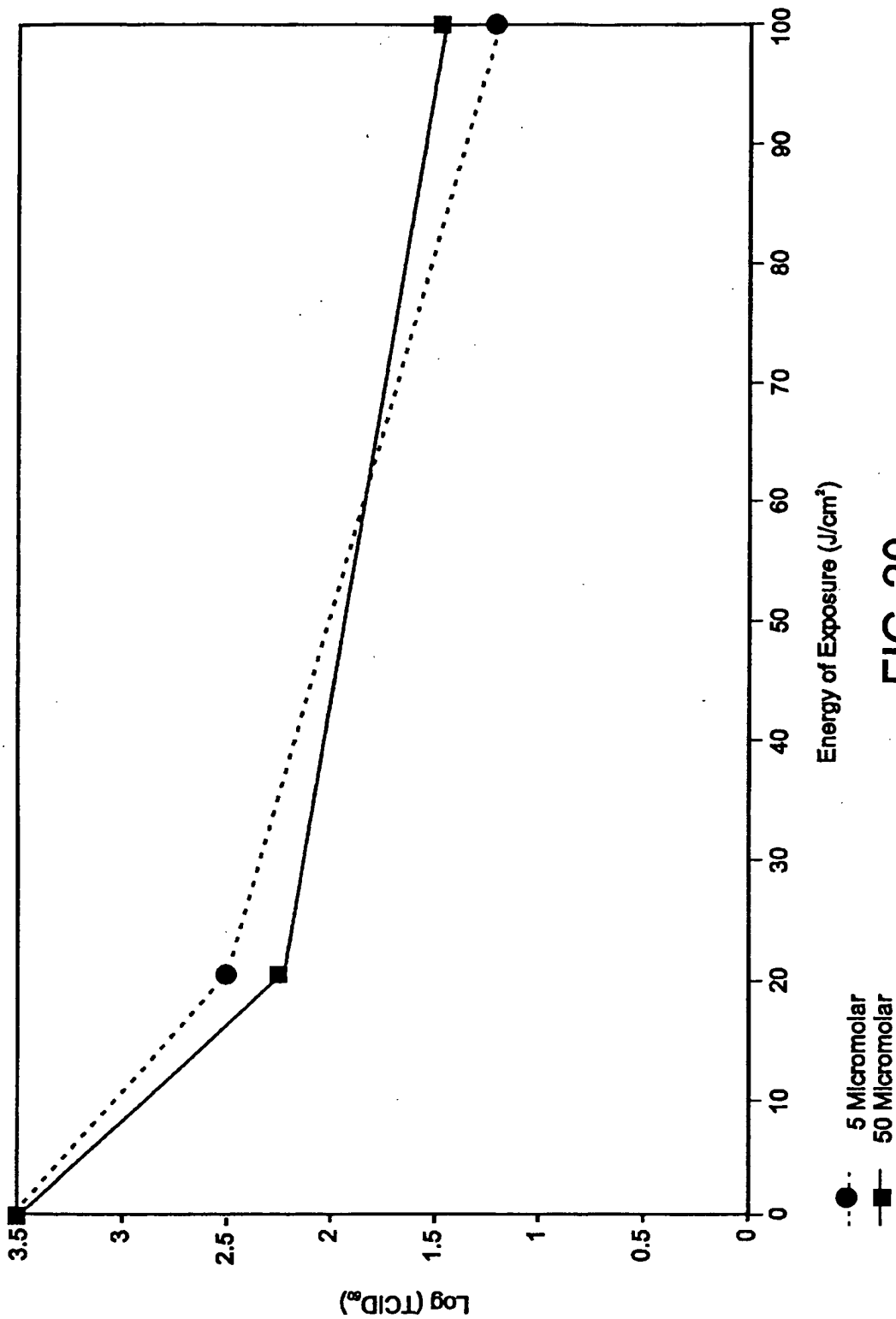
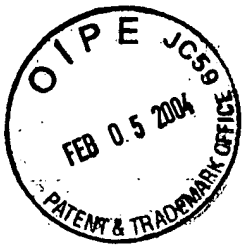
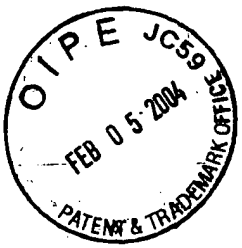


FIG. 20



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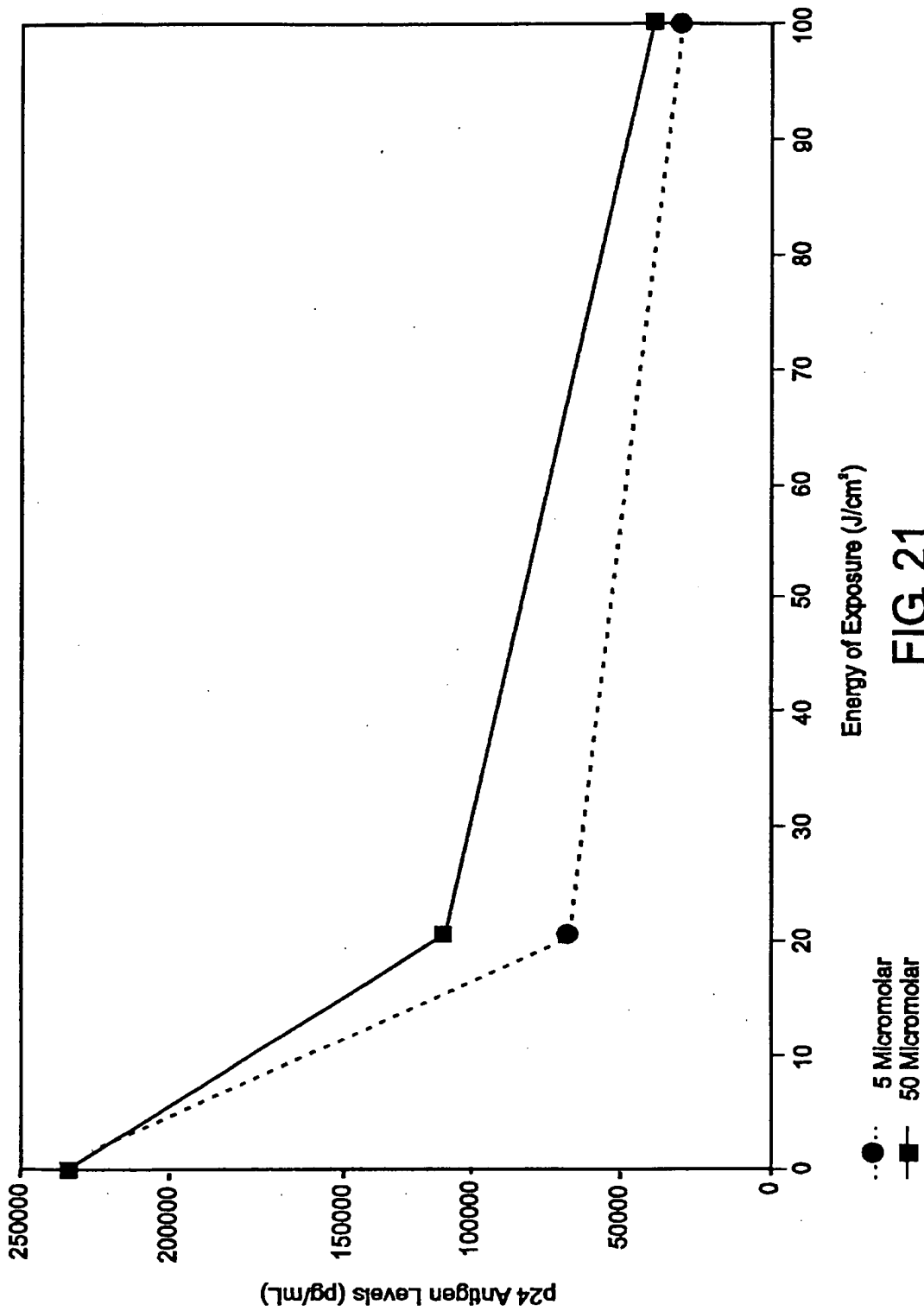
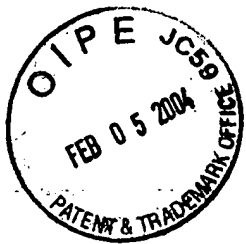


FIG. 21



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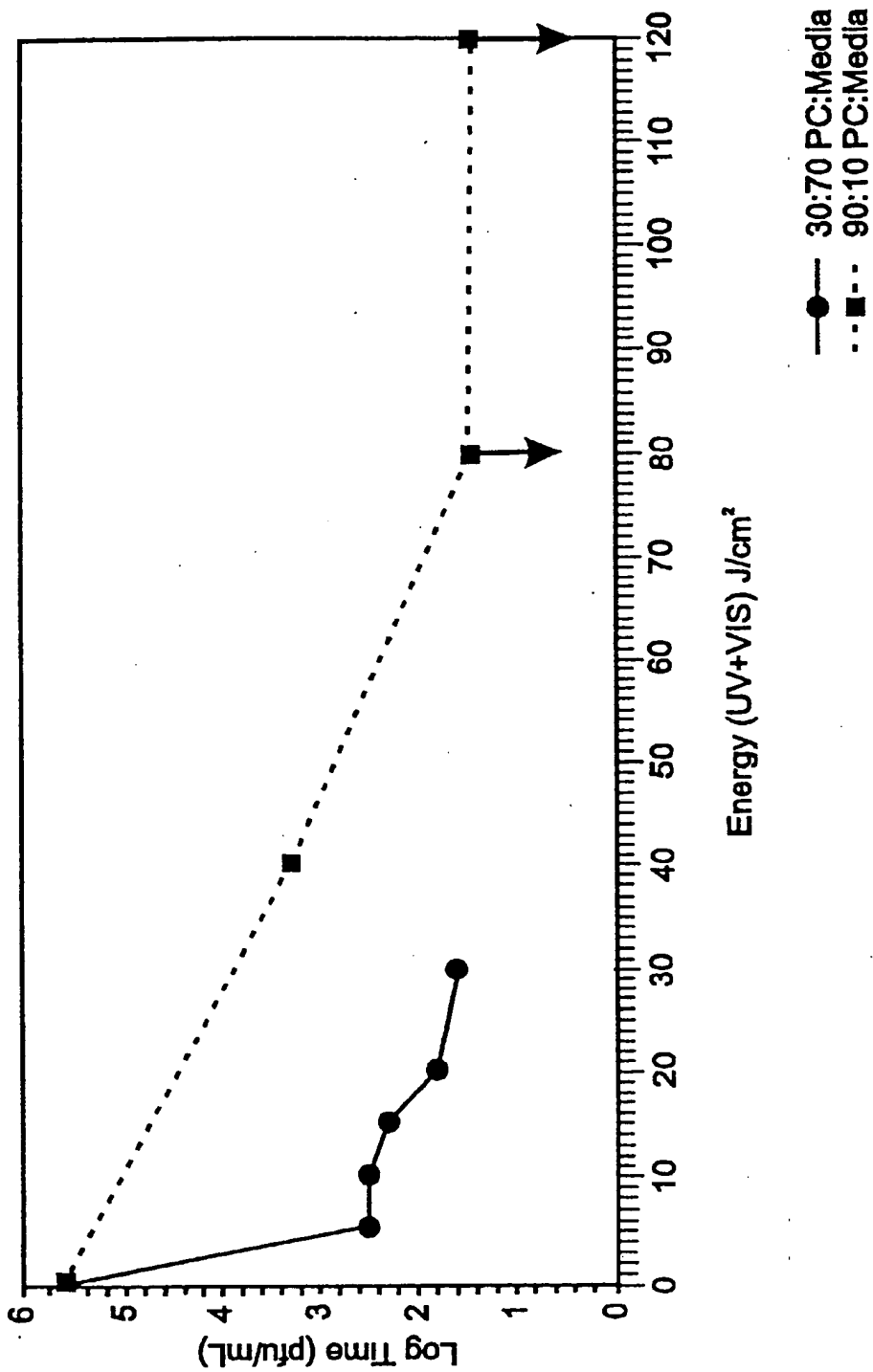
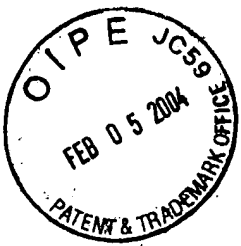


FIG. 22



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Biological Contaminants Using Photosensitizers

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REPLACEMENT SHEET

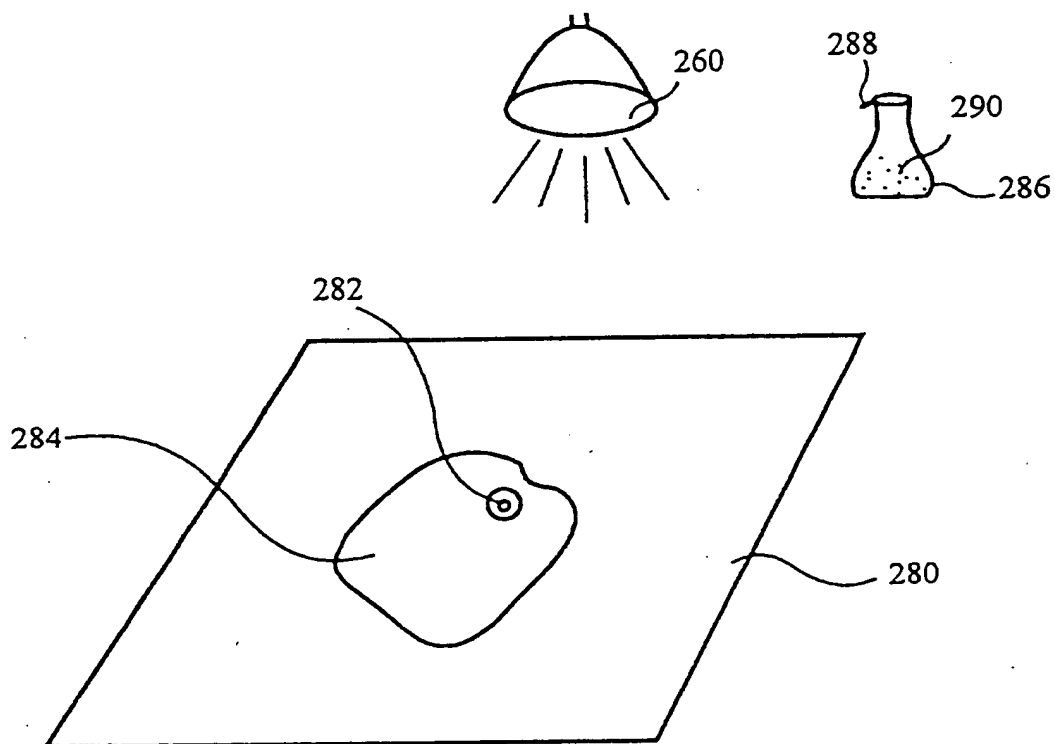
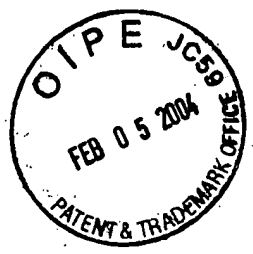


FIG. 23



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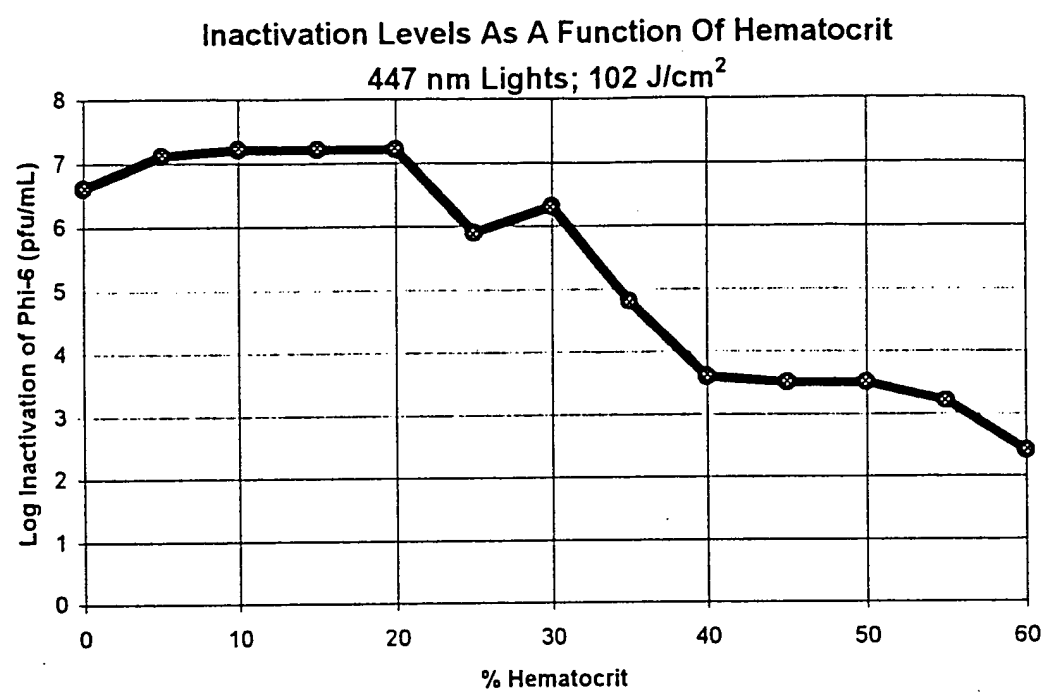
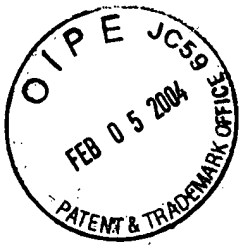


FIG. 24



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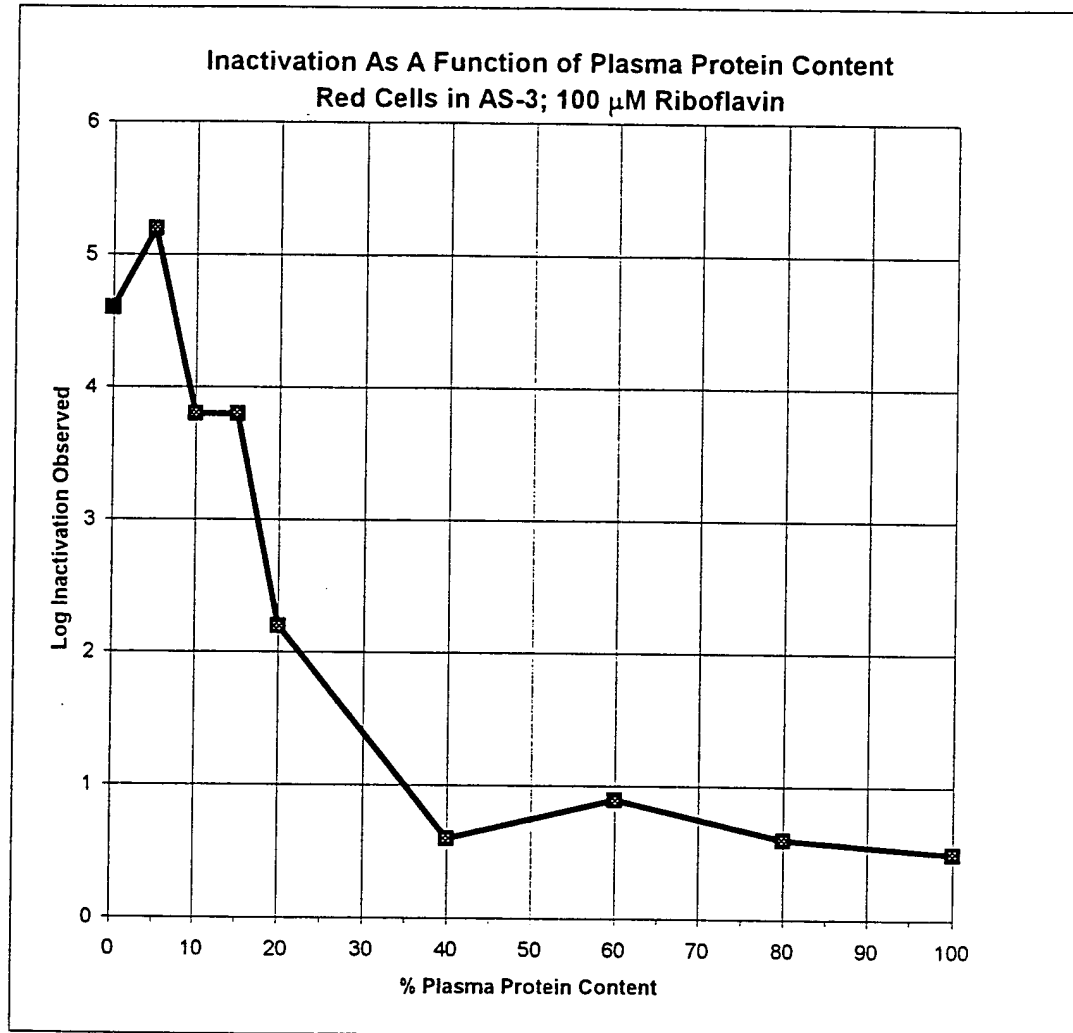
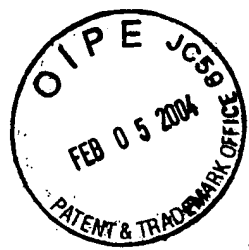


FIG. 25



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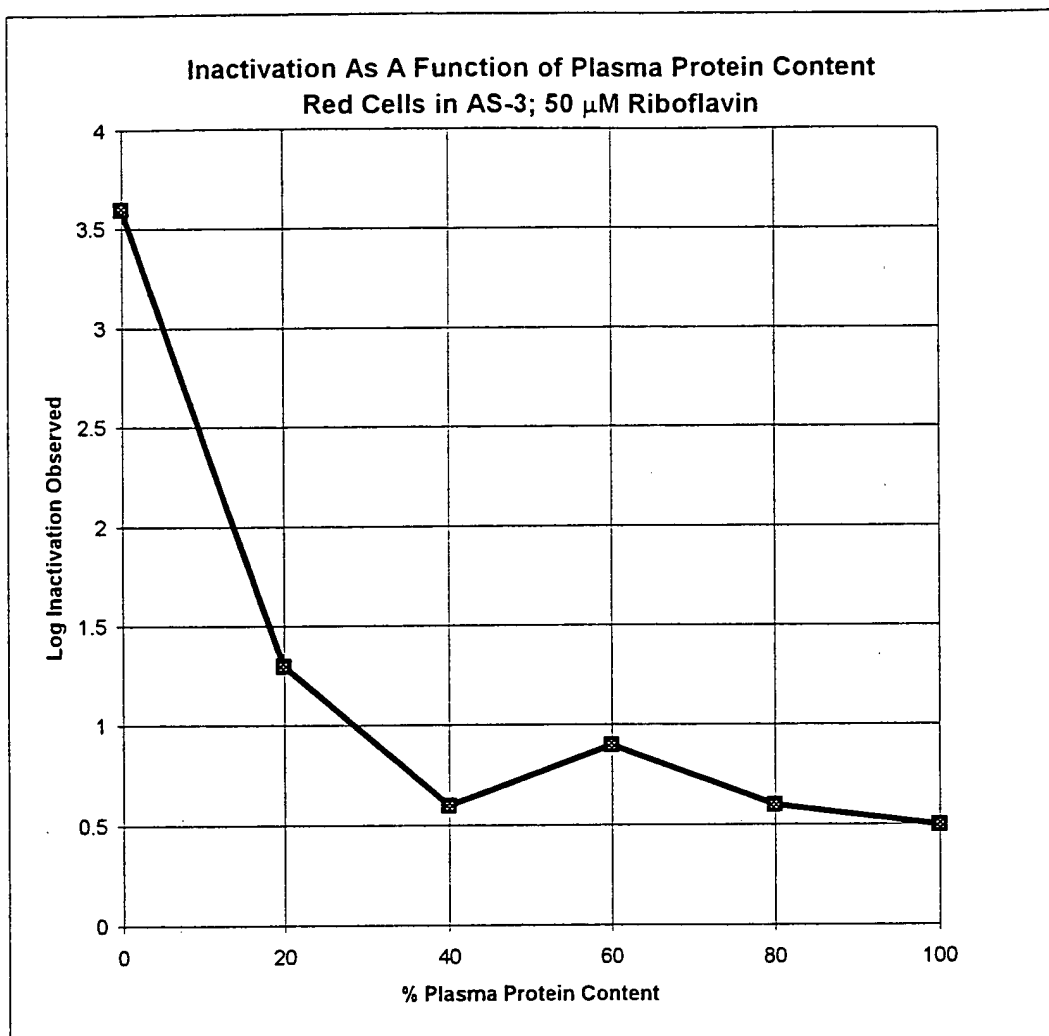


FIG. 26

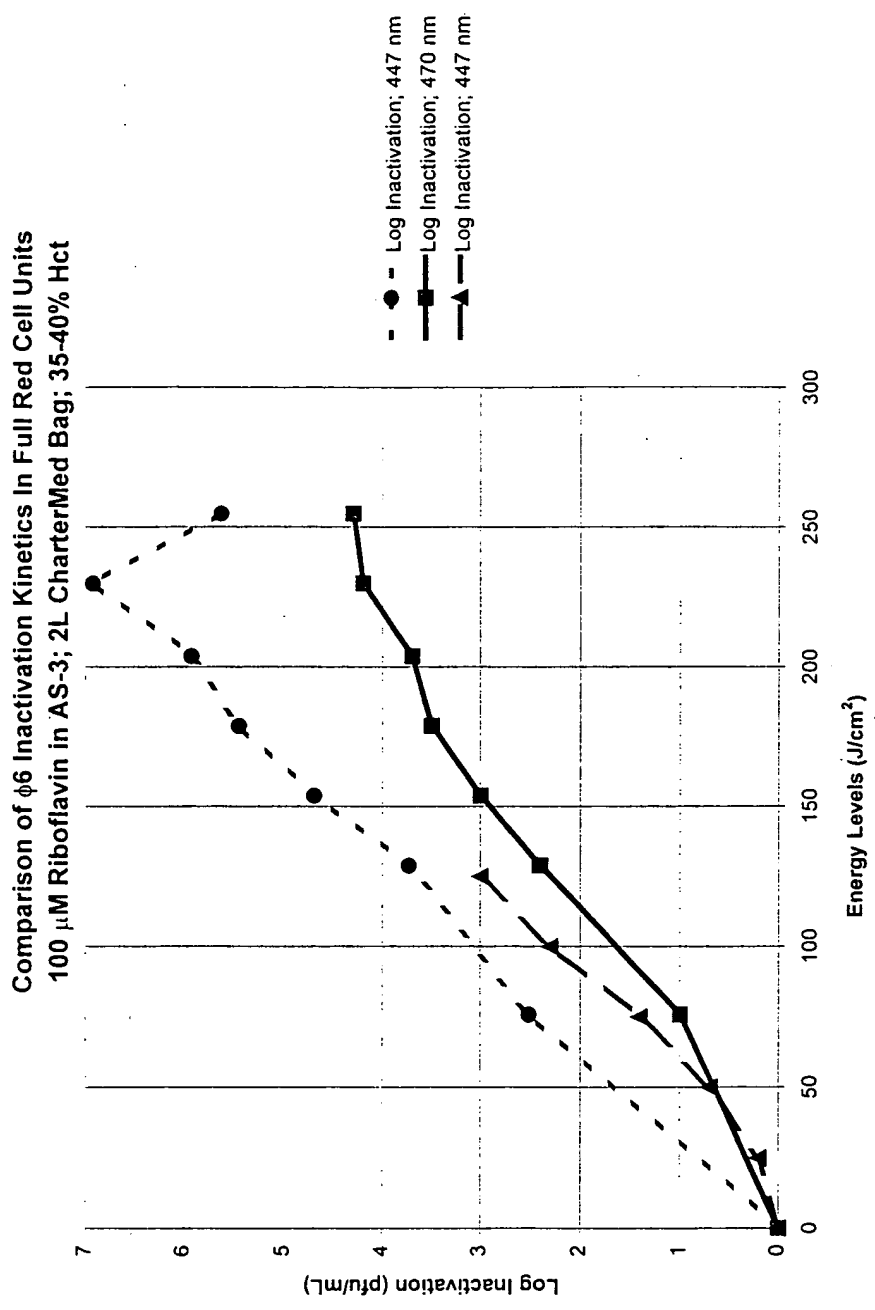
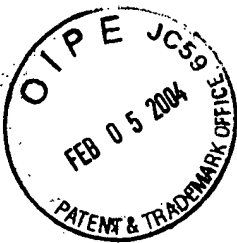
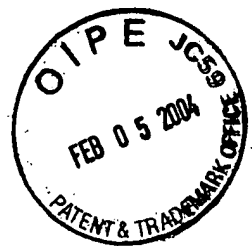


FIG. 27



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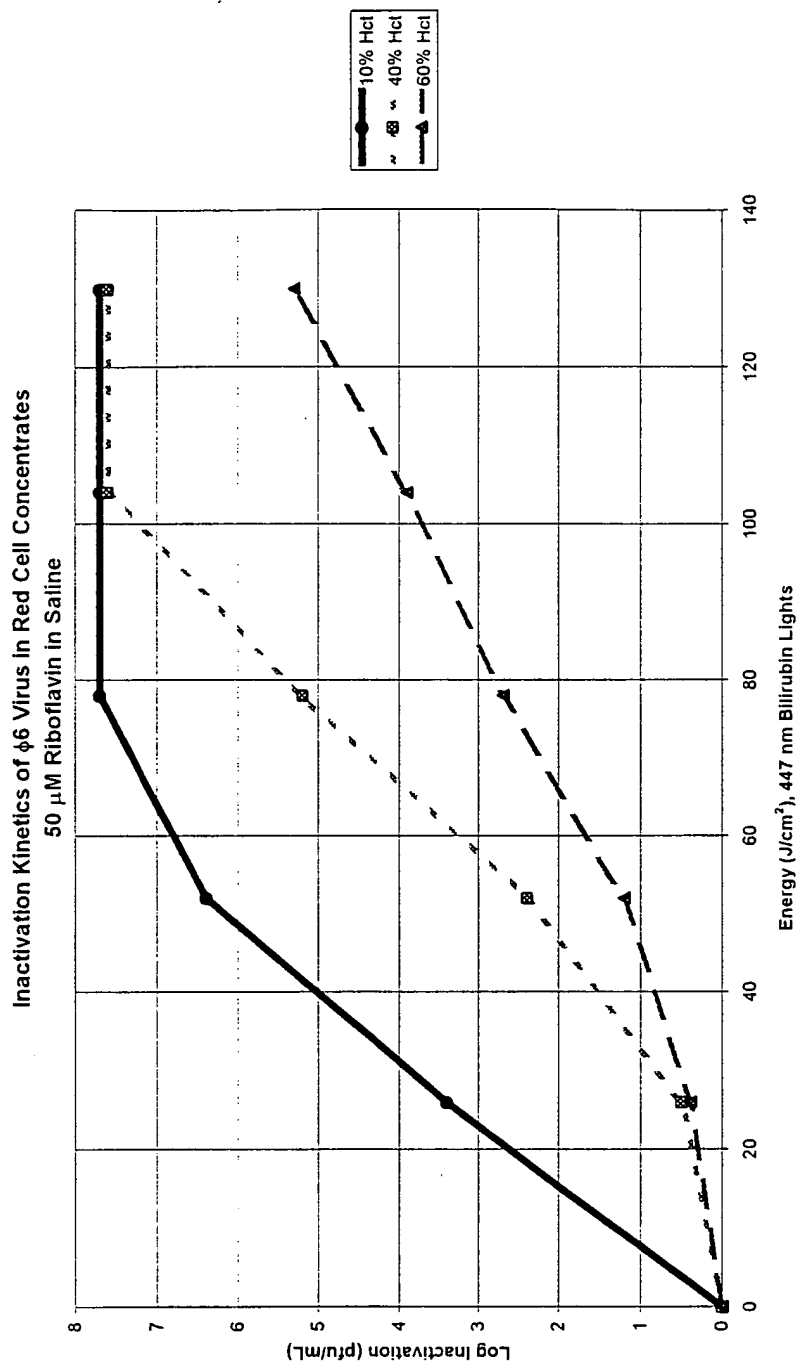
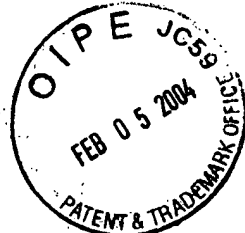


FIG. 28



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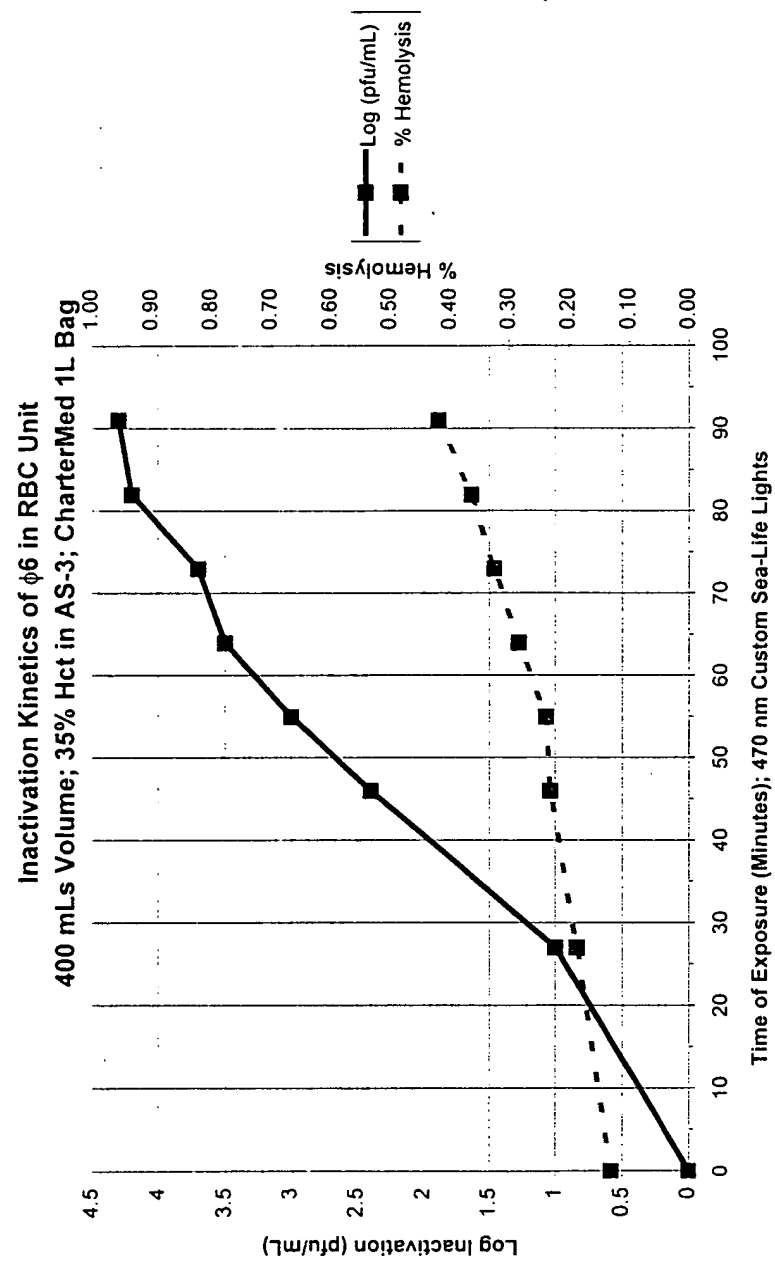
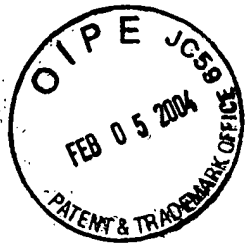


FIG. 29



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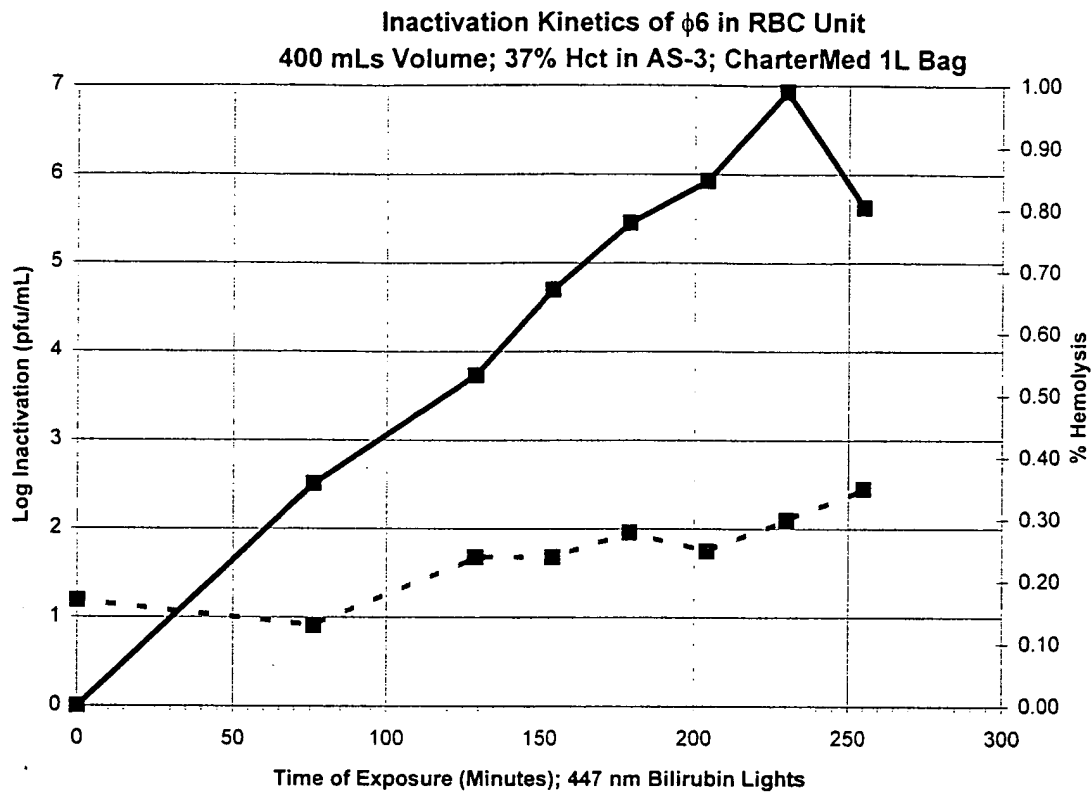
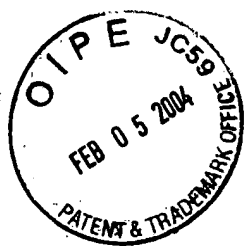


FIG. 30



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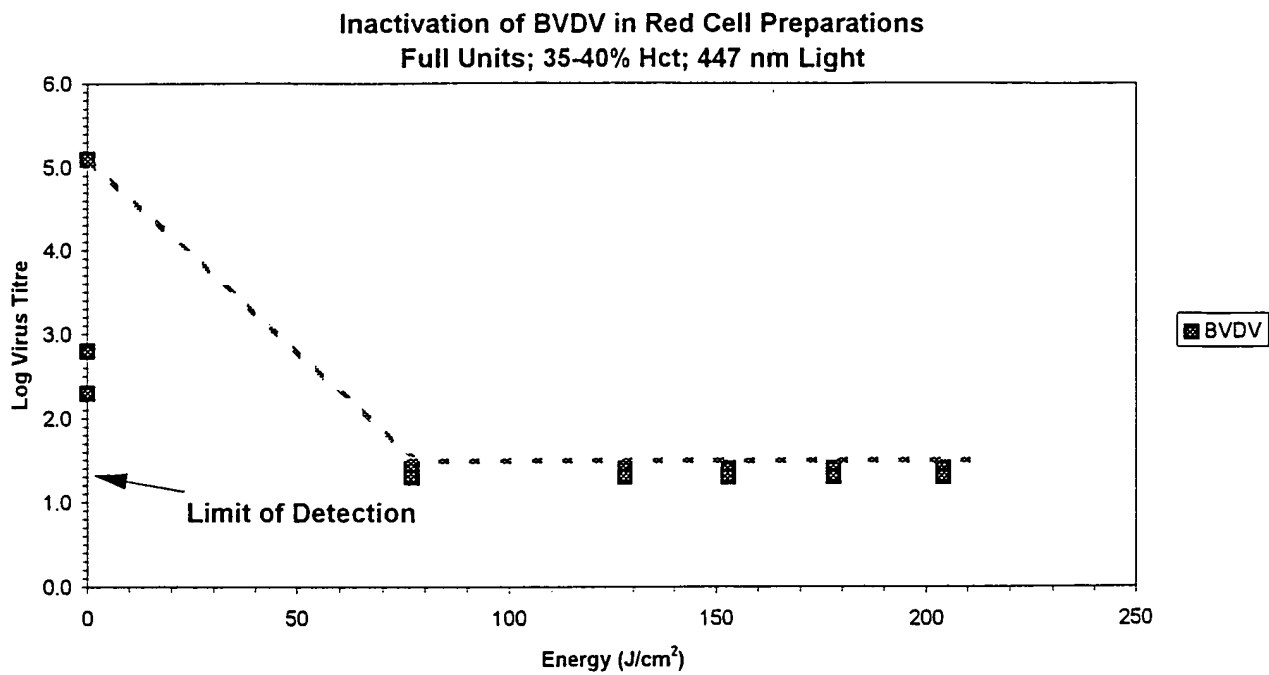
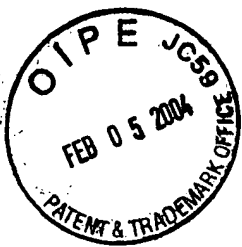


FIG. 31



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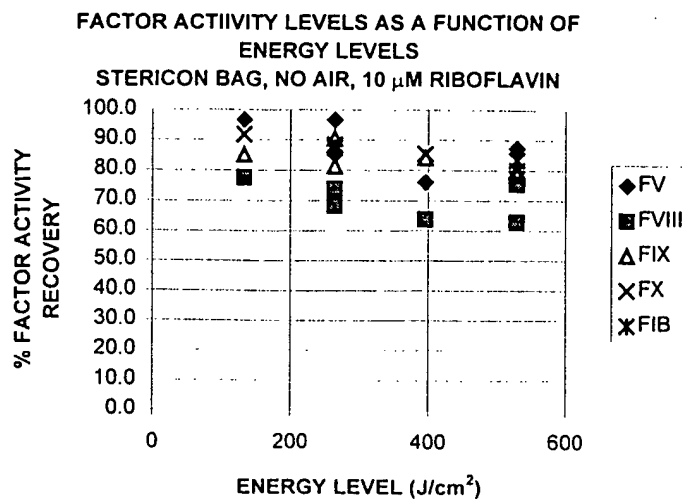


FIG. 32

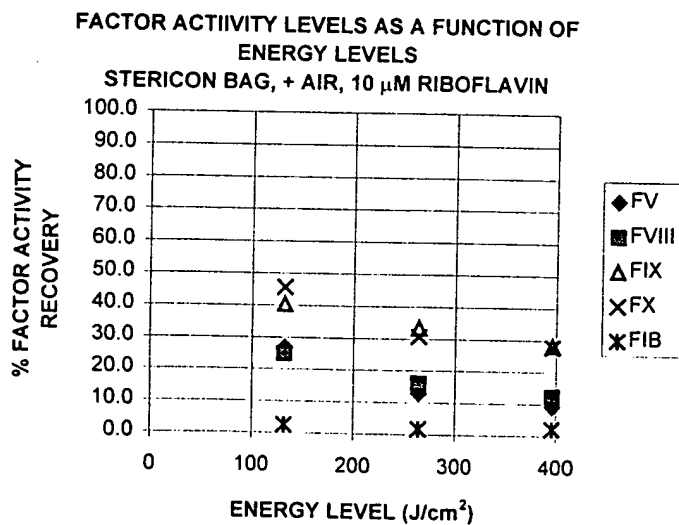
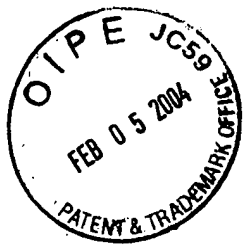


FIG. 33



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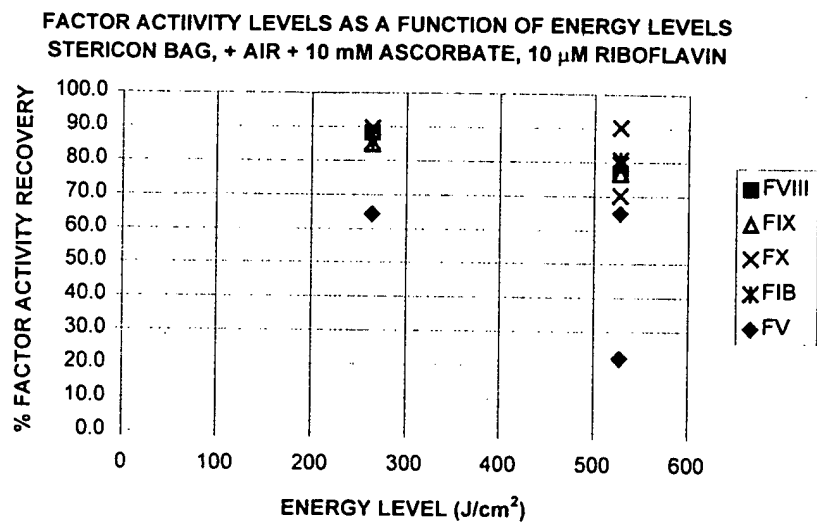
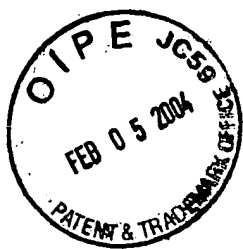


FIG. 34



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Custom Sea Life "Power Compact" 7100K Blue 28 watt Twin Tube

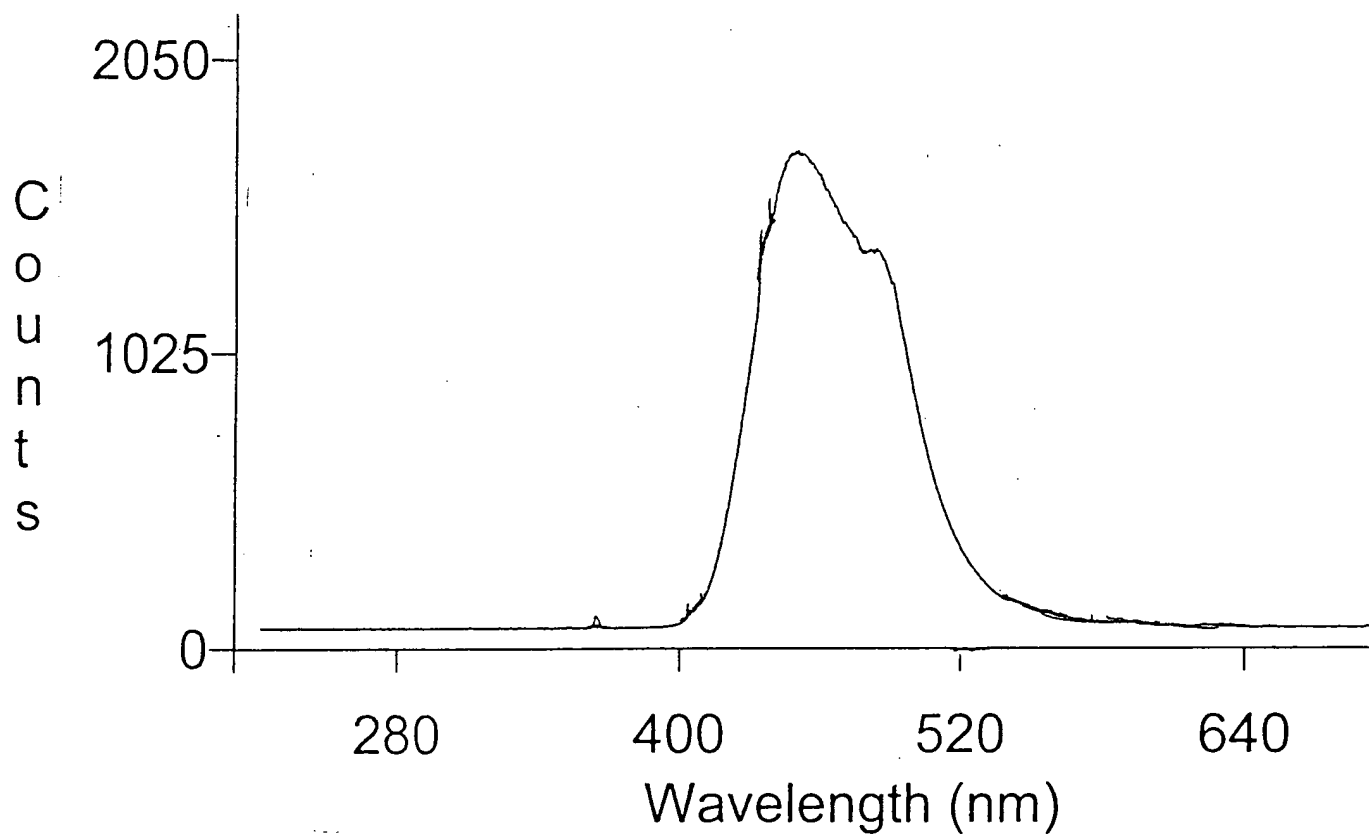
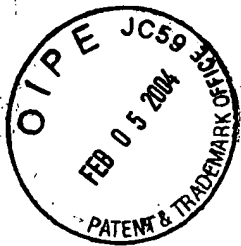


FIG. 35



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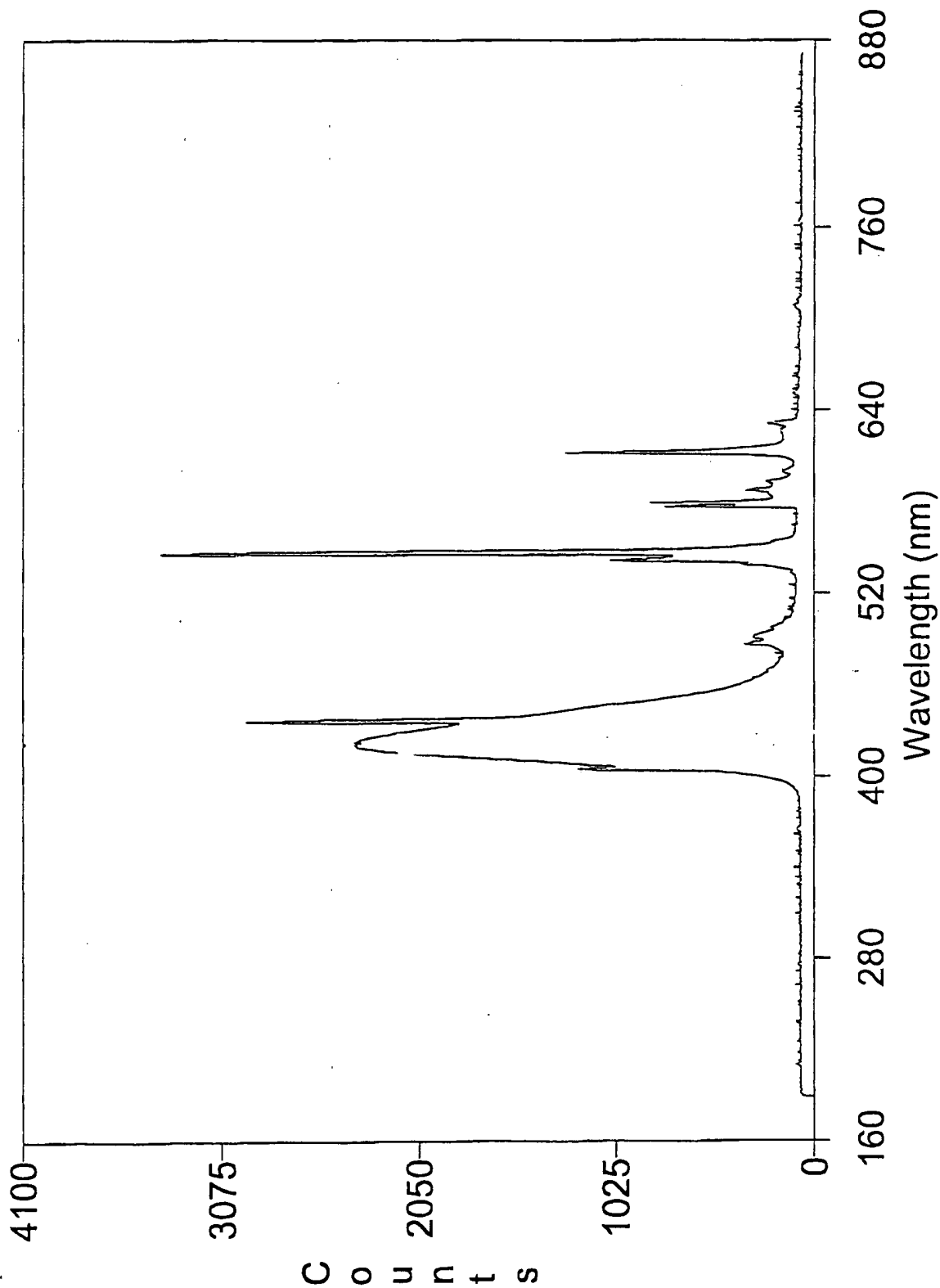


FIG. 36